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Foreign Fisheries Leaflet No. 77-3

Fisheries Statistics of Japan, 1975

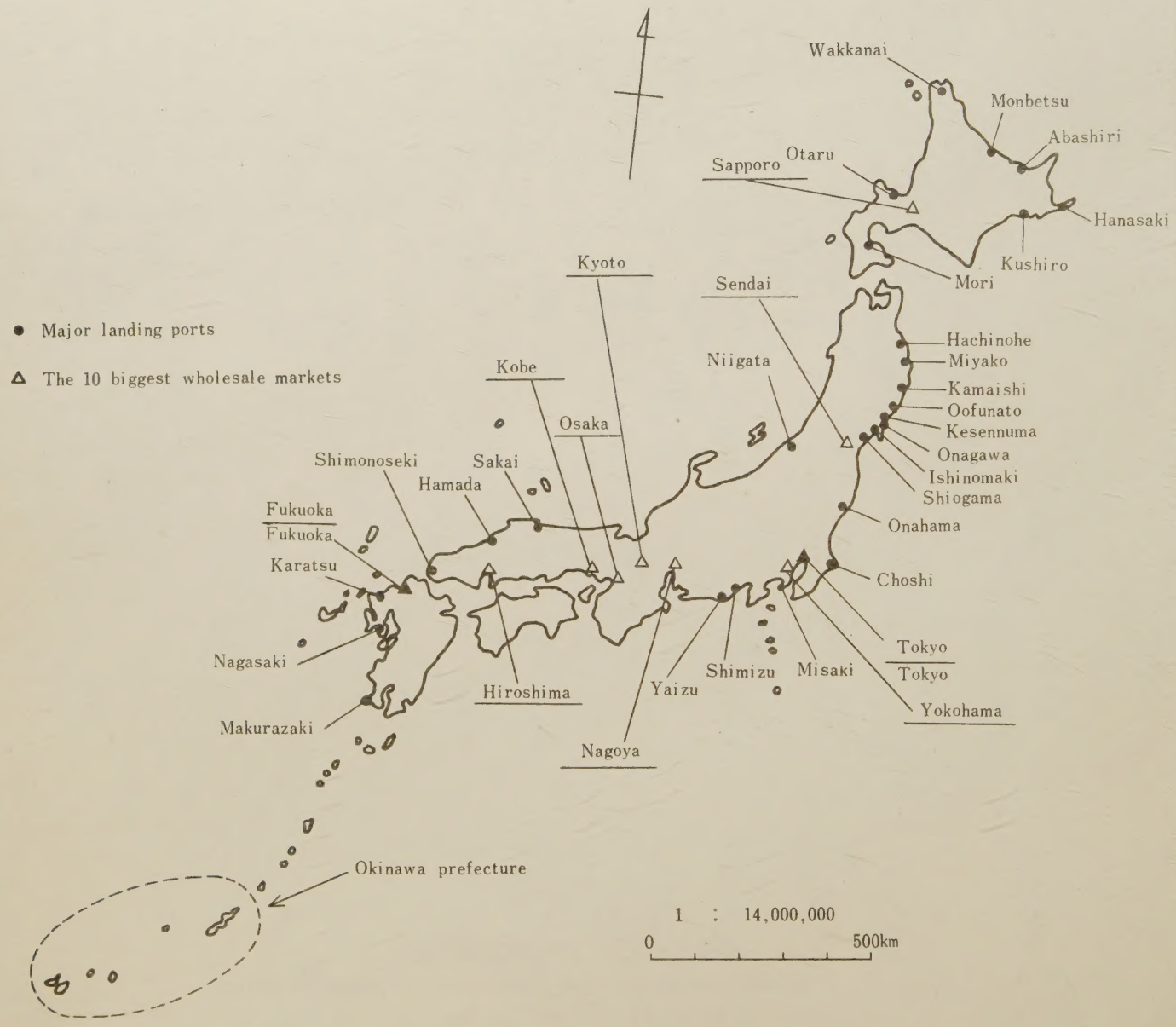
Office of International Fisheries
Washington, D.C.
September 1977

MAR 2 3 1978

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service

OR LANDING PORTS AND THE 10 BIGGEST

HOLESALE MARKETS IN JAPAN



● Major landing ports

△ The 10 biggest wholesale markets

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PREFACE

Fisheries Statistics of Japan, is a reproduction of the Japanese publication of the same name. This article has been reproduced with the kind permission of Mr. Kenya Shirane, Director of the Statistics and Information Department, Economic Affairs Bureau, of the Ministry of Agriculture and Forestry.

This leaflet should provide readers, interested in the fisheries of Japan, with an excellent statistical background. The work is a useful reference, covering many different periods in Japan's developing fisheries.

Monetary values are in Japanese yen. The following are the official exchange rates of yen to the U.S. dollar for the years given.

US$1.00 equals

1967 - 360 yen
1968 - 360 yen
1969 - 360 yen
1970 - 360 yen
1971 - 351 yen
1972 - 308 yen
1973 - 273 yen
1974 - 292 yen
1975 - 297 yen

FISHERIES STATISTICS OF JAPAN 1975

STATISTICS AND INFORMATION DEPARTMENT
MINISTRY OF AGRICULTURE AND FORESTRY
GOVERNMENT OF JAPAN

Edited and published by
Statistics and Information Department
Ministry of Agriculture and Forestry
1 -2 -1, Kasumigaseki, Chiyoda-ku
Tokyo, Japan

FOREWORD

"The Fisheries Statistics of Japan, 1975" is the 13th edition in the series since 1963. The purpose of this publication is to provide a current situation of Japan's fisheries by using the statistical tables of fishery production, structure, marketing and economy. And this publication contains illustrations of fishing methods, gears and important species in the last pages, for your better understanding.

Japan has taken considerable part in the development of the world fisheries by researching and developing into the oceans and utilizing the marine live resources in effectively.

Recently, however, the worldwide movements of 200-mile fishing zones have been quickly coming because of severe prospects of the natural resources and food problems. Therefore the effective use and the conservation of fishery stocks should be required.

We hope, under these conditions, this bulletin would serve to show a real state of the current Japan's fisheries and be some assistance to understand the mutual problems in the fishery.

May, 1977

Kenya Shirane

Director
Statistics and Information Department
Ministry of Agriculture and Forestry

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Table No. 17-19	Customs Division Ministry of Finance
Table No. 20	Minister's Secretariat Ministry of Agriculture and Forestry
Table No. 21, 22	Bureau of Statistics Office of the Prime Minister
Reference Table 1, 2	F. A. O.

2. Period of inquisition

As a principle, the statistics in this bulletin are inquired by the calendar year but the figures of the whaling in the Antarctic Ocean are given for the "Whaling year" (from Nov. 1974 to Mar. 1975)

3. Symbols

The following symbols are used in this publication:

[0] means "Less than the unit amount"

[---] means "Unknown or not available"

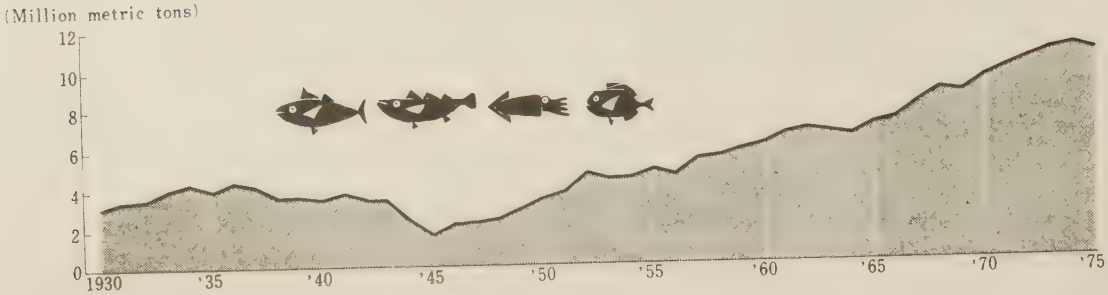
[-] means "No record"

[Δ] means "Minus"

STATISTICAL CHARTS

I. FISHERIES PRODUCTION

1. Annual Trend of Total Catch, 1930~1975



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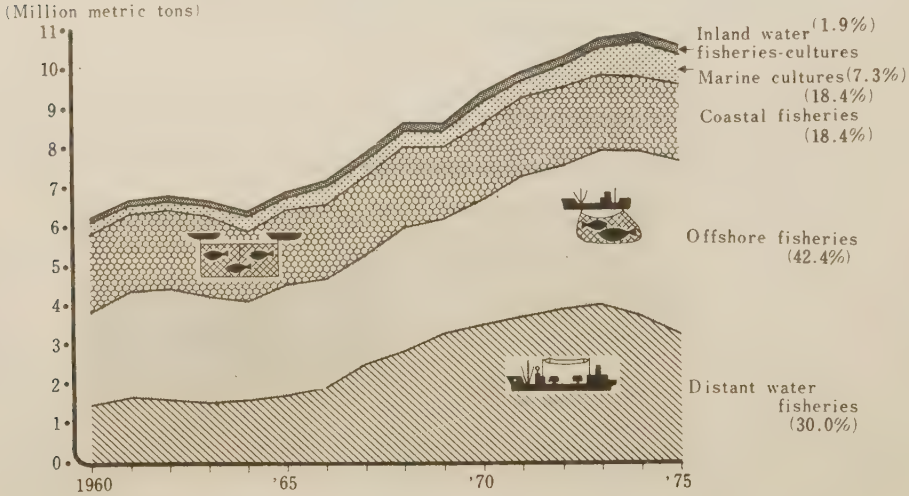

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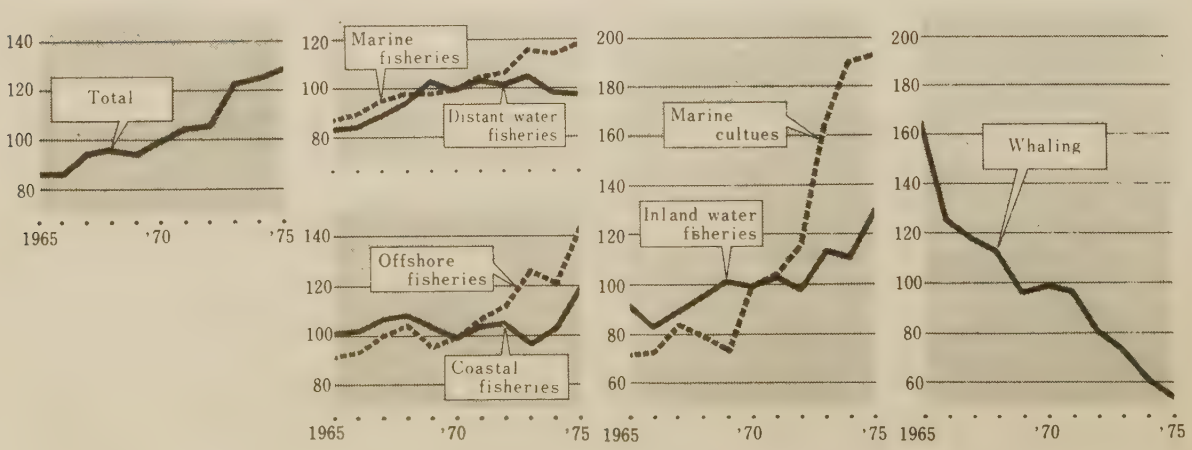

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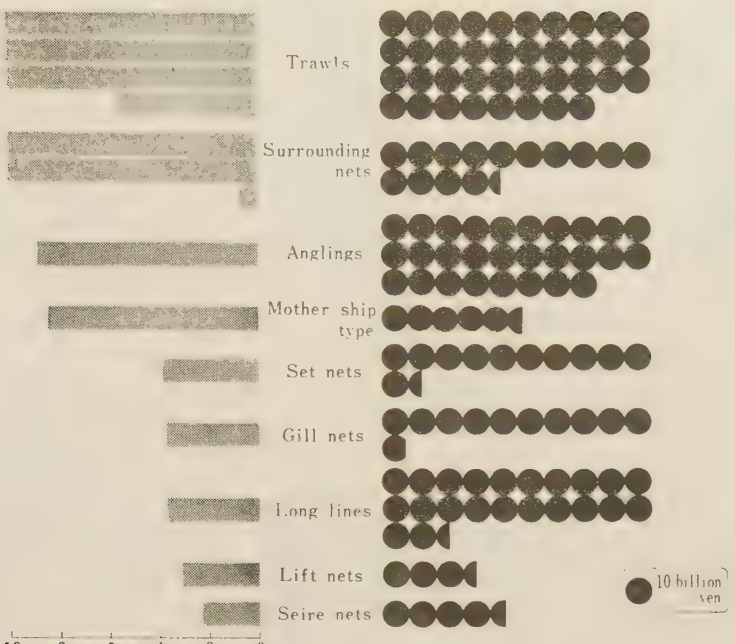

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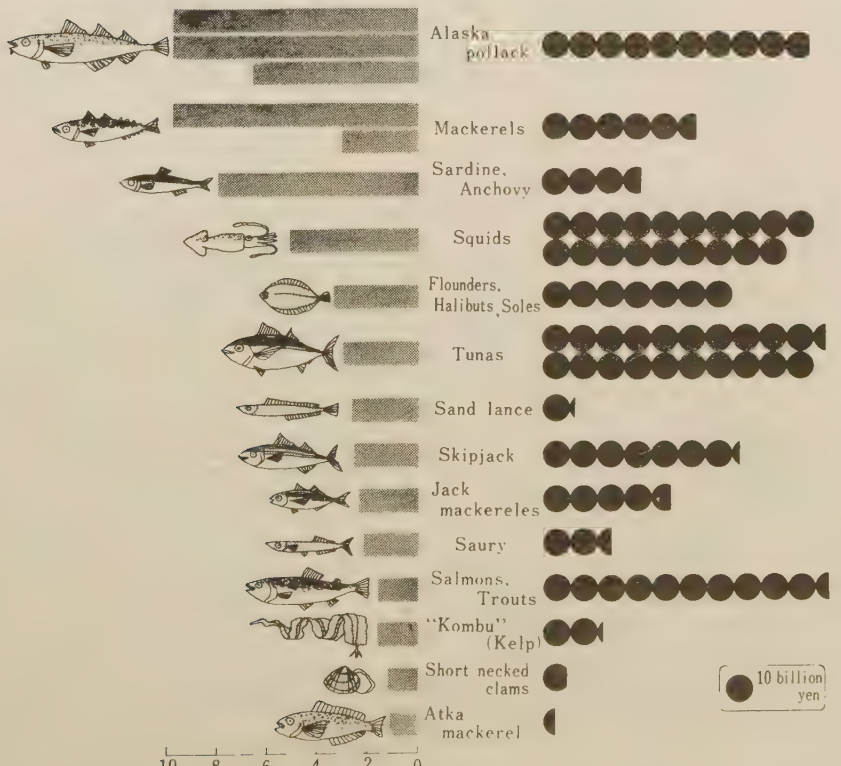

(100 thousand metric tons)

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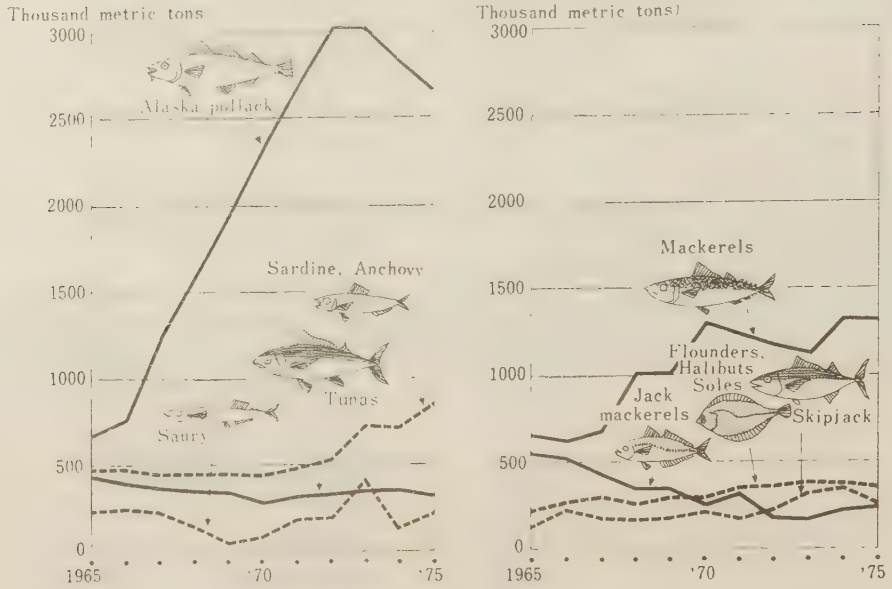

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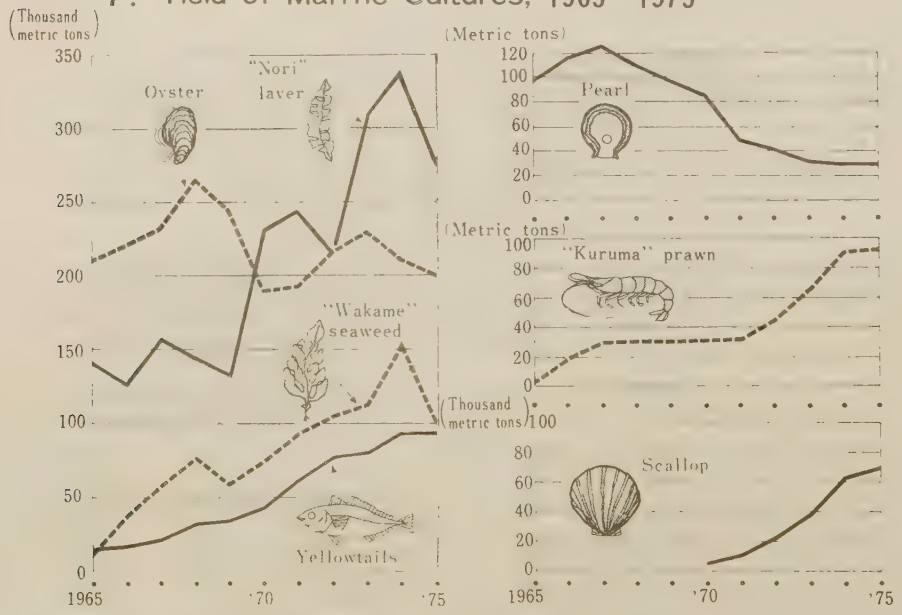

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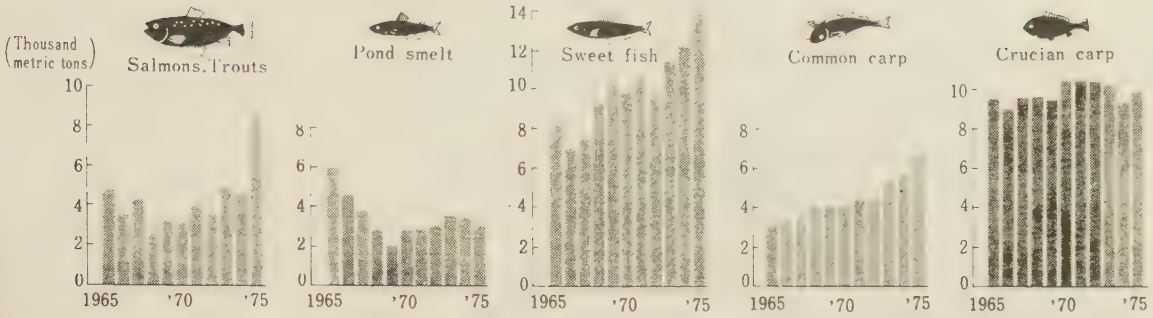

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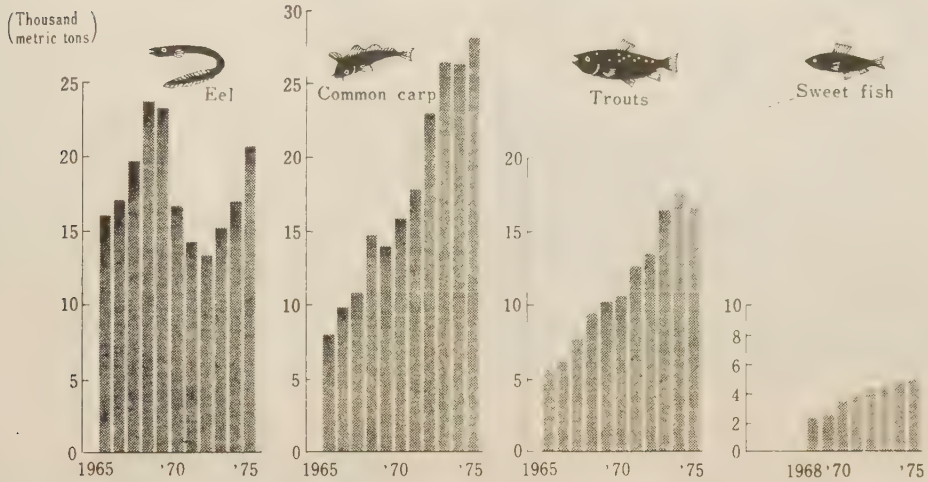

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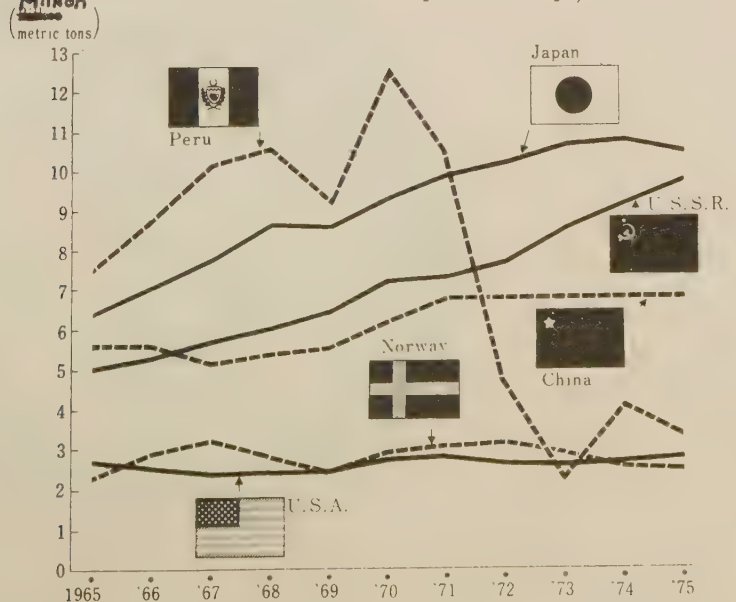
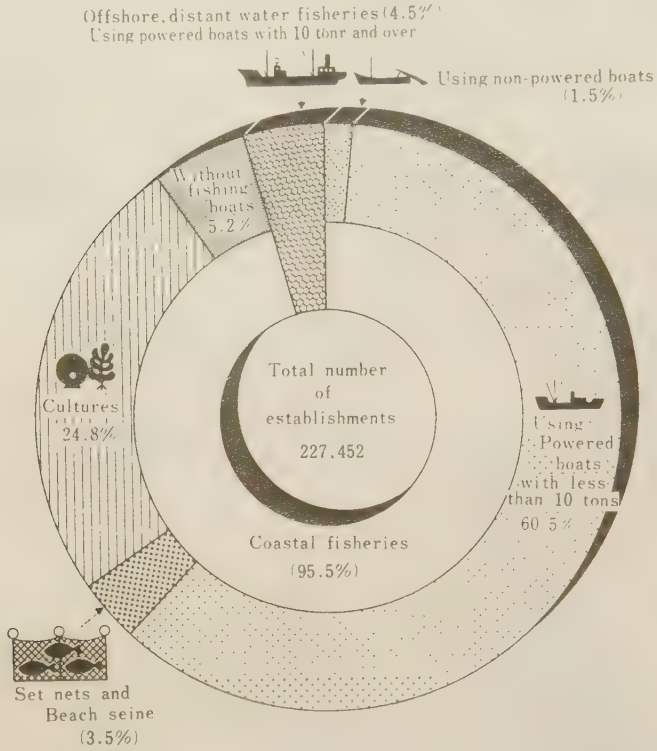


Ⅱ. STRUCTURE OF FISHERY PRODUCTION

11. Number of Marine Fisheries Establishments, 1975



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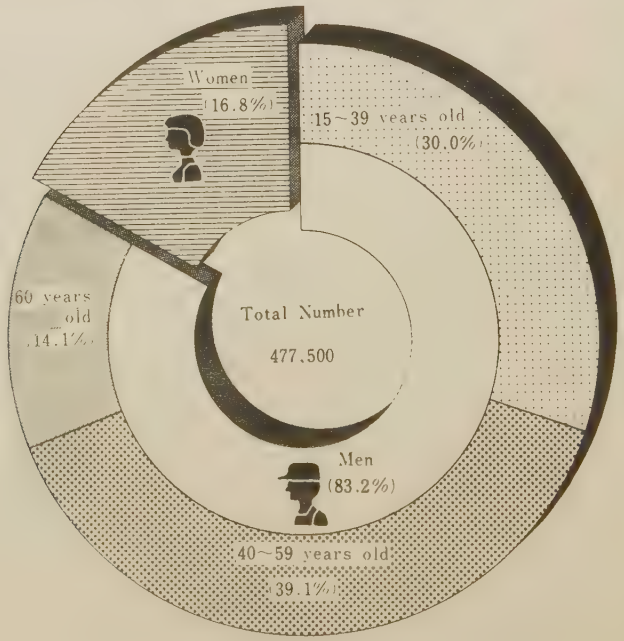

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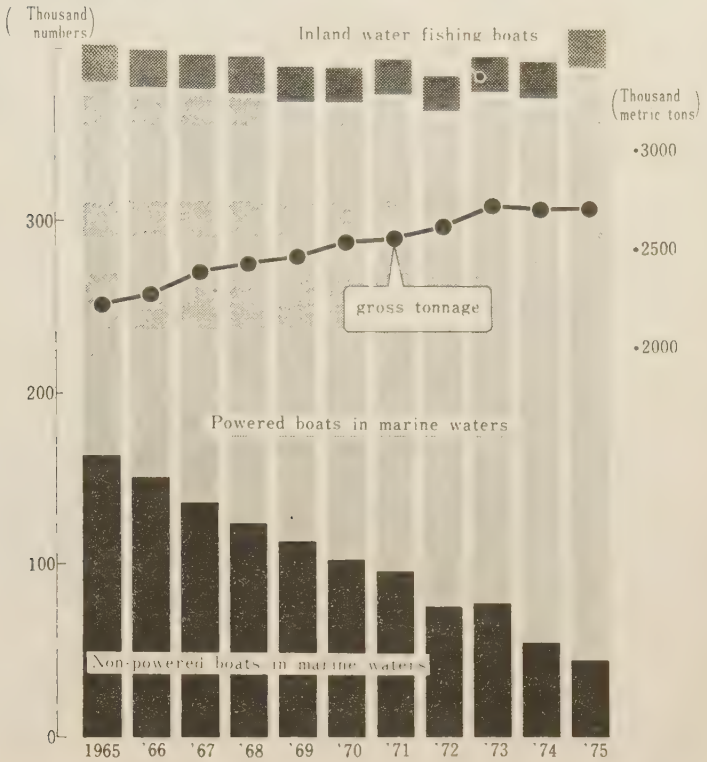

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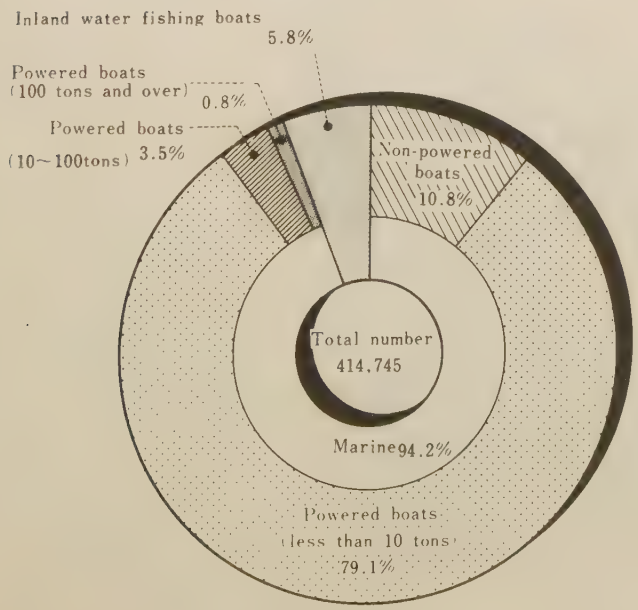

III. MARKETING OF FISHERY PRODUCT

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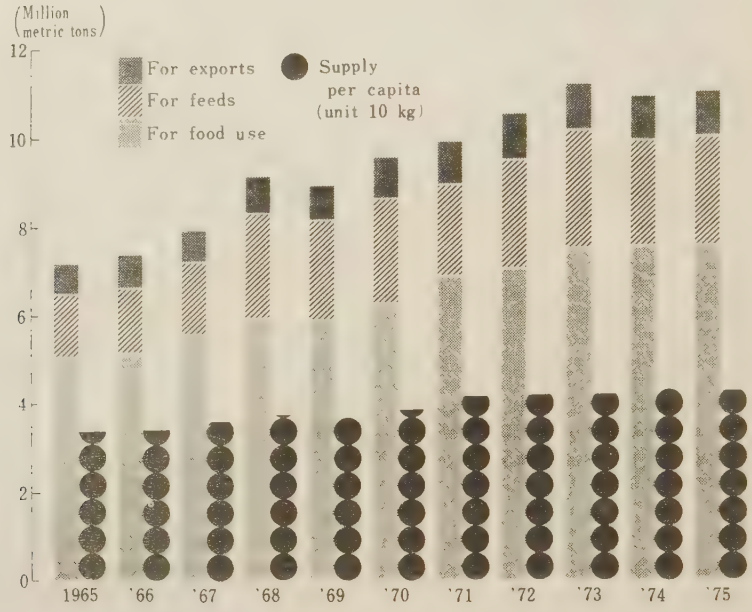

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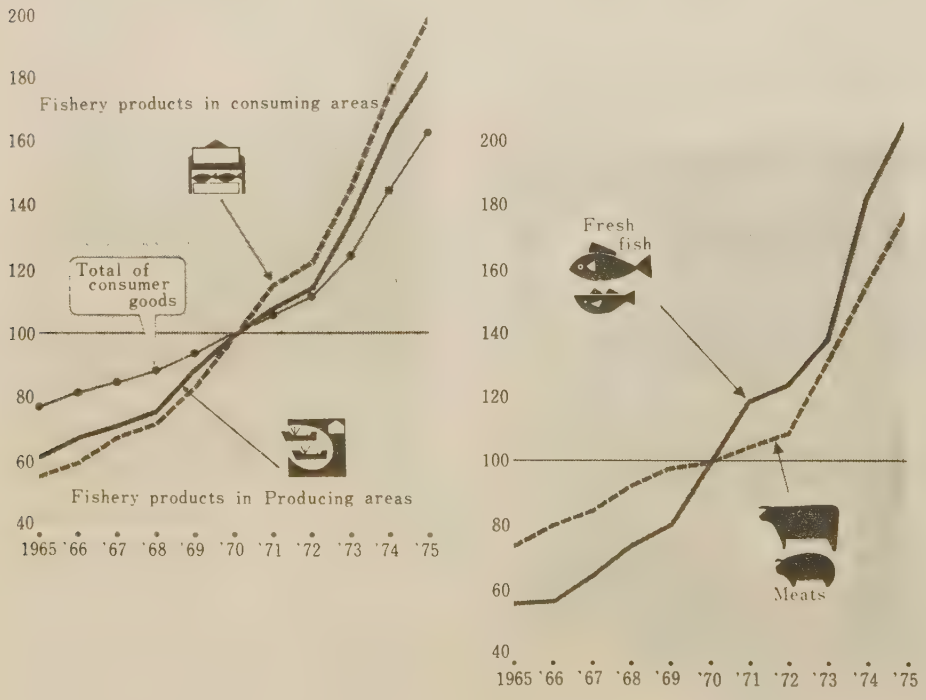

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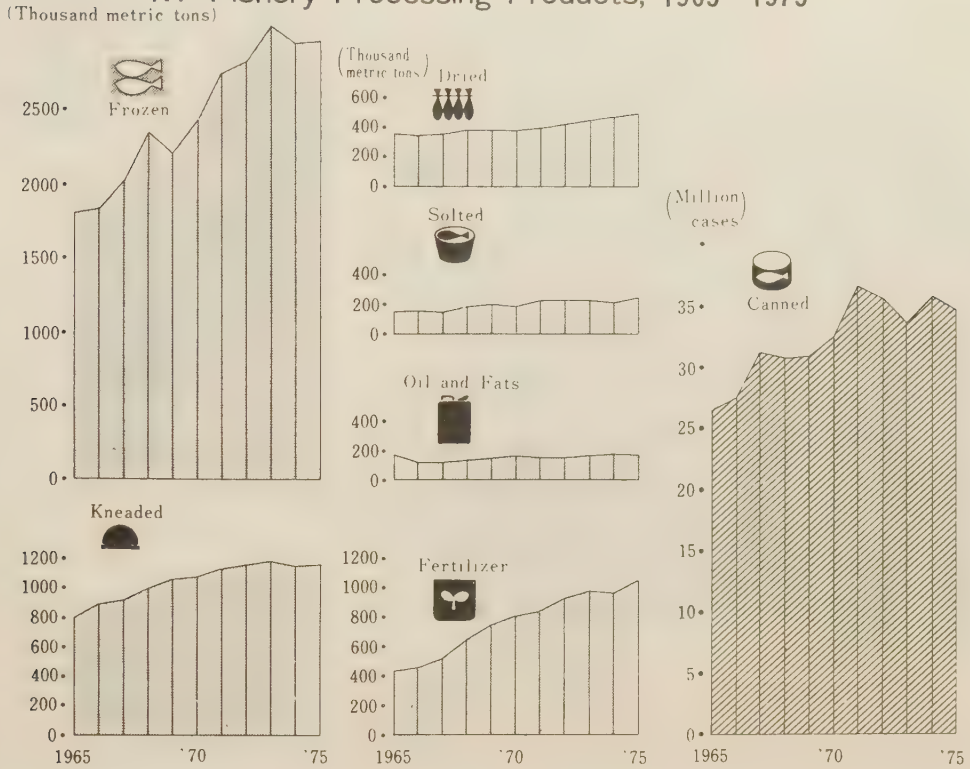

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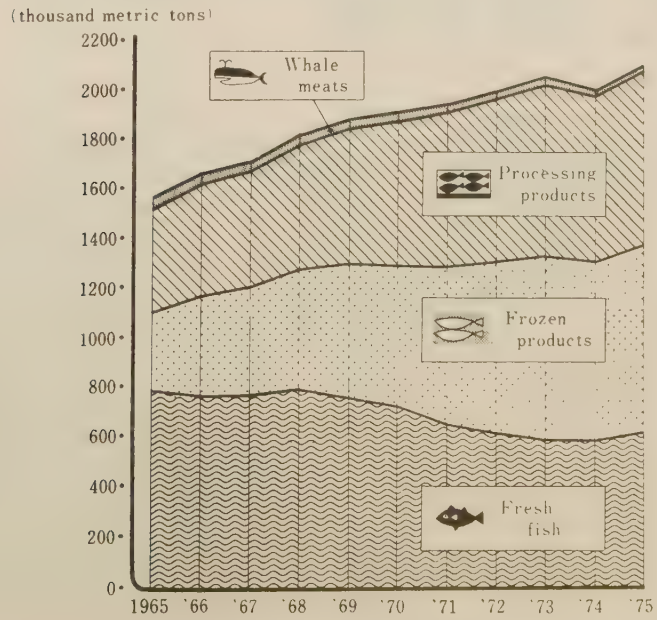

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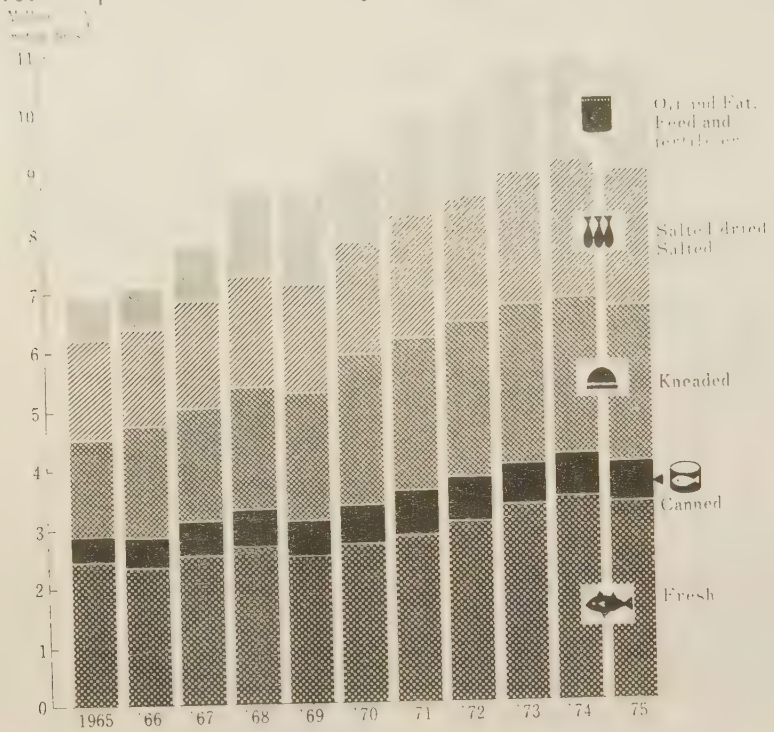

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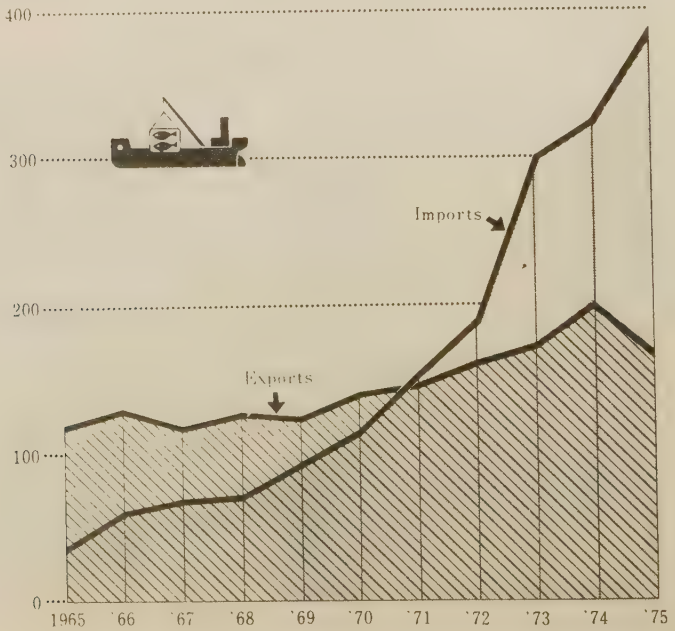
100 billion yen



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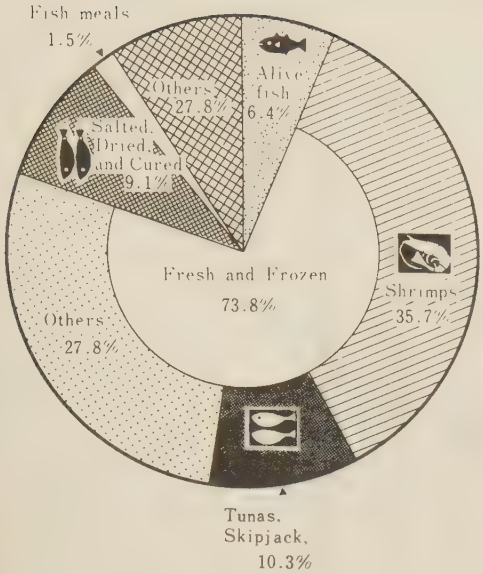

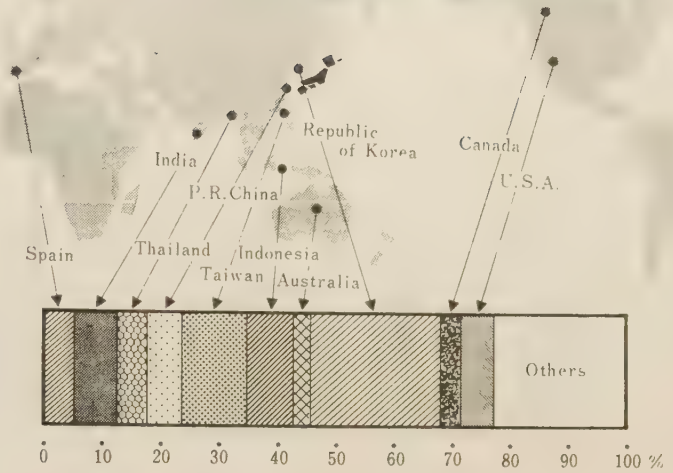

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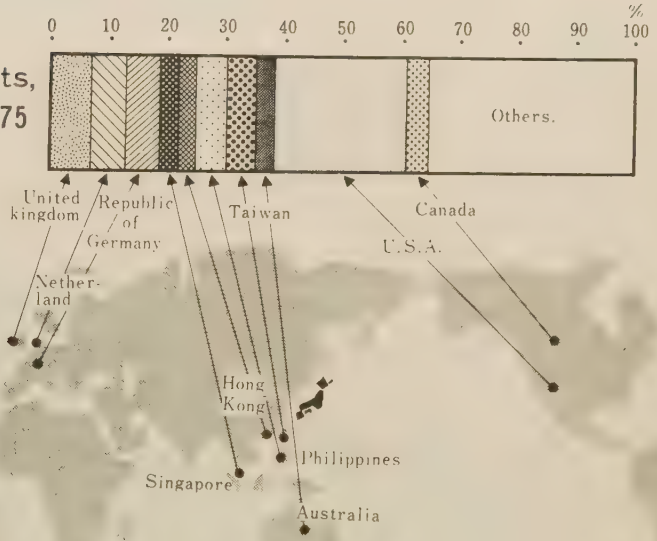
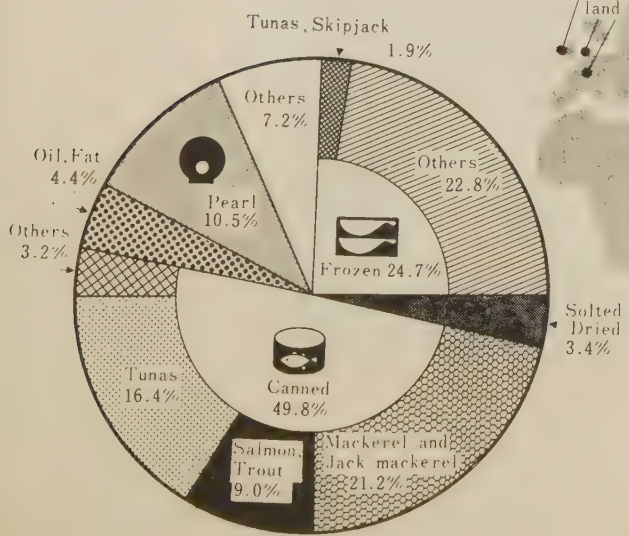
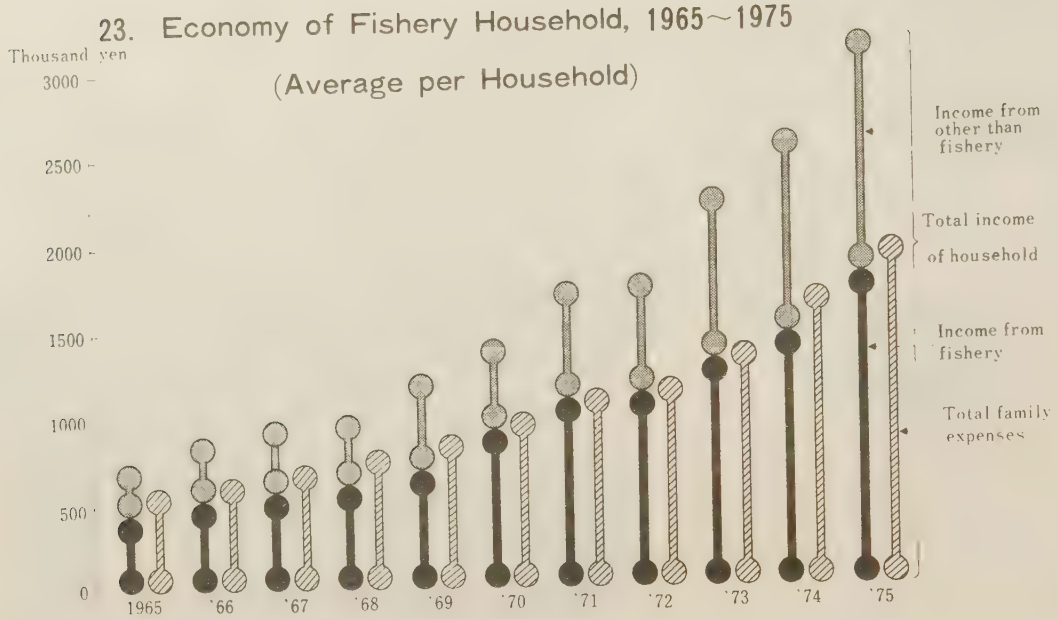




Ⅳ. ECONOMY OF FISHERY MANAGEMENT UNIT

23. Economy of Fishery Household, 1965～1975

(Average per Household)



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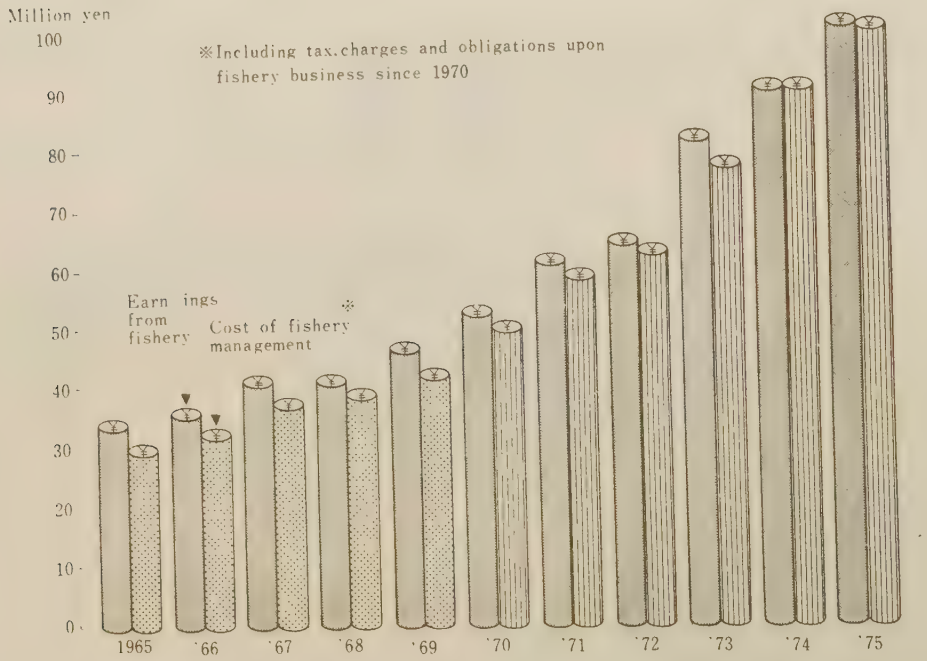

STATISTICAL TABLES

I. FISHERIES PRODUCTION

1. SUMMARY OF CATCH BY FISHERY SECTOR, 1940～1975

Unit { Quantity: Thousand metric tons
Value : Hundred million yens

Year	Marine Fisheries		Marine Cultures		Inland Water Fisheries		Inland Water Cultures		Total		Whalings	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Numbers	Value
1940	3,427	---	78	---	---	---	19	---	3 526	---	9,628	---
1945	1,750	---	61	---	---	---	12	---	1,824	---	531	---
1950	3.255	---	48	---	63	---	5	---	3,373	---	5,332	---
1951	3,774	---	88	---	60	---	6	---	3,930	---	6,335	---
1952	4,646	---	113	---	53	---	9	---	4,823	---	7,816	---
1953	4,387	---	144	---	57	---	8	---	4,598	---	6,631	---
1954	4,304	---	145	---	82	---	9	---	4,541	---	9,591	---
1955	4,653	---	154	---	82	---	11	---	4,907	---	11,866	---
1956	4,488	2,012	180	206	90	62	13	30	4,772	2,310	14,124	160
1957	5,067	2,303	244	174	81	73	14	31	5,407	2,582	15,439	213
1958	5,198	2,257	214	205	78	70	15	37	5,506	2,569	19,922	196
1959	5,568	2,535	225	236	75	69	15	36	5,884	2,877	20,527	221
1960	5,817	2,983	284	338	74	80	15	47	6,192	3,448	19,649	234
1961	6,287	3,340	322	455	81	93	18	64	6,710	3,952	20,848	267
1962	6,397	3,567	362	538	84	94	20	68	6,864	4,266	22,240	269
1963	6,200	3,988	389	650	84	98	23	94	6,698	4,830	22,373	309
1964	5,868	4,039	362	724	89	102	29	111	6,350	4,976	24,410	323
1965	6,382	4,516	380	816	113	101	33	126	6,908	5,558	26,986	376
1966	6,558	5,005	405	974	103	118	36	164	7,103	6,260	22,784	290
1967	7,241	5,677	470	1,074	97	109	42	166	7,851	7,026	21,088	252
1968	7,993	6,097	522	1,010	103	119	52	221	8,670	7,448	21,586	237
1969	7,976	6,928	473	1,130	112	144	52	285	8,613	8,488	17,409	221
1970	8,598	7,852	549	1,353	119	170	48	317	9,315	9,692	16,887	272
1971	9,149	8,957	609	1,374	101	214	50	349	9,909	10,894	16,419	314
1972	9,400	9,417	648	1,708	109	231	56	441	10,213	11,796	17,590	278
1973	9,793	11,564	791	2,252	114	299	64	528	10,763	14,641	14,012	273
1974	9,749	13,789	880	2,325	112	348	67	622	10,808	17,084	14,277	327
1975	9,573	15,204	773	2,536	127	417	72	713	10,545	18,870	13,427	364

2. SUMMARY OF CATCH BY SPECIES GROUP, 1940~1975

Unit: Thousand metric tons

Year	Marine Waters					Inland Waters					Total
	Fishes	Molluscs	Crus-taceans	Aquatic plants	Others	Fishes	Molluscs	Crus-taceans	Aquatic plants	Others	
1940	2,435	441	35	523	---	29	---	---	---	---	3,526
1945	1,222	313	31	228	---	13	---	---	---	---	1,824
1950	2,210	760	49	257	28	32	12	1	23	1	3,373
1951	2,572	922	56	290	22	30	12	1	23	2	3,930
1952	3,268	1,033	72	361	27	35	13	1	12	1	4,823
1953	3,253	889	70	292	27	37	15	1	12	2	4,598
1954	3,239	786	99	287	38	44	14	2	31	1	4,541
1955	3,541	802	106	310	53	52	14	3	25	1	4,907
1956	3,441	774	95	304	52	60	16	3	24	3	4,772
1957	3,877	894	108	402	27	64	24	5	2	4	5,407
1958	4,017	893	119	339	42	62	26	3	1	4	5,506
1959	4,267	1,027	119	337	44	59	26	1	1	4	5,884
1960	4,463	1,078	126	386	51	60	25	1	1	3	6,192
1961	5,015	985	138	425	49	66	28	2	1	3	6,710
1962	4,911	1,158	149	501	41	69	30	2	1	3	6,864
1963	4,653	1,303	159	425	51	72	33	1	1	2	6,698
1964	4,745	925	153	361	48	80	35	1	0	2	6,350
1965	5,093	1,082	132	406	52	86	56	1	0	2	6,908
1966	5,232	1,097	142	436	57	86	50	1	0	2	7,103
1967	5,742	1,225	149	534	60	92	42	2	0	2	7,851
1968	6,340	1,430	186	503	57	104	44	2	1	4	8,670
1969	6,561	1,238	153	444	53	107	51	3	1	3	8,613
1970	7,289	1,132	146	521	59	103	58	3	1	3	9,315
1971	7,913	1,065	126	587	66	107	36	5	1	2	9,909
1972	8,075	1,217	137	559	59	110	46	5	1	2	10,213
1973	8,645	1,130	141	653	64	124	45	6	1	2	10,763
1974	8,543	1,129	170	601	85	126	44	6	1	3	10,808
1975	8,341	1,156	147	627	75	141	48	7	1	2	10,545

3. CATCH IN QUANTITY

Species	1971	1972	1973	1974	1975
Grand Total 1]	9,908,544	10,213,113	10,762,644	10,808,220	10,545,148
Marine Fisheries	9,148,746	9,400,020	9,793,029	9,749,031	9,573,068
Fishes	7,850,527	7,996,464	8,561,554	8,446,279	8,243,093
Tunas, albacore	307,965	318,090	341,818	348,950	310,616
Marlins, swordfishes	52,506	48,357	46,693	48,712	50,561
Skipjack, frigate mackerel	191,656	253,936	356,343	373,573	273,640
Sharks, rays	51,370	49,632	50,020	46,365	49,564
Salmons, trouts	139,299	119,601	136,009	132,531	159,338
Herring	100,483	62,198	82,658	76,273	66,617
Sardine, round herring	104,555	106,650	337,286	397,848	569,983
Anchovy	350,692	369,688	335,425	287,516	245,164
Jack mackerel, scads	315,470	193,842	182,720	215,729	235,316
Mackerels	1,253,892	1,189,910	1,134,503	1,330,625	1,318,210
Saury	190,288	196,615	406,445	135,462	221,573
Yellowtails	48,102	49,738	52,916	40,977	38,316
Flounders, halibuts, soles	347,697	356,845	388,547	356,751	348,334
Cod	95,320	87,604	108,513	108,399	92,370
Alaska pollack	2,707,443	3,035,285	3,020,870	2,855,896	2,677,371
Atka mackerel	147,209	180,552	114,986	143,500	114,706
Rockfishes	100,314	100,520	111,208	122,963	95.407
Croakers	49,878	41,916	45,481	51,775	45,107
Hairtail	45,974	49,634	41,592	39,262	32,423
Sea breams	29,383	32,782	30,317	29,558	28,970
Spanish mackerels	17,444	20,857	14,220	21,149	14,633
Sand lance	271,936	194,930	193,994	299,855	274,850
Others	931,651	937,282	1,028,990	982,610	980,024
Crustaceans	125,666	136,738	140,324	169,504	145,620
Spiny lobster	1,334	1,414	1,327	1,289	1,086
"Kuruma" prawn	1,983	2,232	2,780	2,653	2,895
Other prawns, shrimps	47,834	54,630	58,209	74,972	65,356
King crab	10,539	9,650	6,179	5,461	1,823
Queen crab	42,352	41,730	33,381	30,066	24,201
Other crabs	21,624	27,082	38,448	55,063	50,259
Molluscs	860,748	975,978	810,757	855,417	884,615
Common squid	364,349	464,365	347,566	335,018	378,344
Other squids, cuttlefishes	118,169	135,085	138,721	134,949	152,583
Octopuses	85,507	66,357	63,764	76,731	73,962
Abalones	5,659	5,815	5,839	4,971	5,416
Short necked clams	126,414	115,613	114,459	137,719	122,052
Common scallop	14,439	23,454	22,208	25,207	30,274
"Mogai" clam	59,949	36,059	20,180	36,530	18,489
Other clams, shellfishes	86,262	128,730	98,020	104,292	103,495

BY SPECIES, 1971~1975

Unit: Metric tons

Species	1971	1972	1973	1974	1975
Echinodermata, etc.	64,969	56,653	57,462	77,724	67,199
Sea urchins	25,434	22,686	26,004	23,573	22,482
Sea cucumbers	12,044	11,244	10,573	10,817	9,380
Other marine animals	27,491	22,723	20,885	43,334	35,337
Marine mammals	937	1,680	1,747	2,066	1,522
Seaweeds	245,899	232,507	221,185	198,041	231,019
Kelps	151,725	155,415	130,537	119,405	157,760
"Wakame" seaweed	38,480	21,364	26,430	20,098	19,200
Agar-agar	10,293	11,330	16,640	13,414	12,104
Others	45,401	44,398	47,668	45,124	41,955
Marine Cultures	608,684	647,905	790,974	879,761	772,741
Yellowtails	61,743	76,913	80,269	92,685	92,352
Pearl	49	42	34	30	30
Oyster	193,846	217,373	229,899	210,583	201,173
Common scallop	11,165	23,162	39,372	62,673	70,256
"Nori" laver	244,964	217,906	311,410	339,314	278,127
"Wakame" seaweed	94,350	105,678	113,159	153,762	102,058
Others	2,567	6,831	16,831	20,714	28,745
Inland Water Fisheries	100,716	109,357	114,212	112,329	127,220
Salmons, trouts	3,985	3,554	4,894	4,615	8,719
Sweet fish	10,523	9,716	11,356	12,268	13,951
Common carp, crucian carp	15,023	14,898	15,452	15,045	16,589
Eel	2,624	2,418	2,107	2,083	2,202
Fresh water clams	36,058	46,460	45,004	43,874	47,793
Others	32,503	32,311	35,399	34,444	37,966
Inland Water Cultures	50,398	55,831	64,429	67,099	72,119
Trouts	12,749	13,515	16,425	17,631	16,725
Sweet fish	3,941	4,317	4,428	4,712	4,990
Common carp, crucian carp	19,049	24,220	27,786	27,164	29,097
Eel	14,233	13,355	15,247	17,077	20,749
Others	426	424	543	515	558
Whalings 2]	16,419	17,590	14,012	14,277	13,427
Blue whale	-	-	-	-	-
Fin whale	2,215	1,760	1,441	945	727
Humpback whale	-	-	-	-	-
Sei whale	7,114	6,706	4,745	4,571	3,539
Sperm whale	6,465	5,573	5,082	4,579	5,184
Mink whale	291	3,354	2,633	4,085	3,870
Bottlenose whale	118	86	32	32	46
Pilot whale	181	91	77	62	53
Others	35	20	2	3	8

Note: 1) Excluding whales

2) Actual number of catch

4. CATCH IN VALUE

Species	1971	1972	1973	1974	1975
Grand Total	1,120,777	1,207,407	1,491,461	1,741,129	1,923,351
Marine Fisheries	895,728	941,682	1,156,376	1,378,903	1,520,345
Fishes	649,087	692,314	879,675	1,003,731	1,098,346
Tunas, albacore	128,144	139,001	176,357	201,976	203,665
Marlins, swordfishes	20,520	20,399	20,482	26,718	29,537
Skipjack, frigate mackerel	33,600	41,766	60,649	74,022	74,116
Sharks, rays	3,054	3,134	3,757	3,743	4,397
Salmons, trouts	44,541	45,072	70,627	78,157	103,958
Herring	9,938	5,653	10,904	9,943	9,307
Sardine, round herring	8,735	8,533	14,620	19,739	20,339
Anchovy	14,033	17,135	18,099	17,966	16,910
Jack mackerel, scads	27,648	27,623	30,041	41,788	46,699
Mackerels	32,864	37,153	42,812	63,885	57,090
Saury	15,891	12,004	25,307	9,989	25,232
Yellowtails	20,162	19,072	23,585	27,380	29,480
Flounders, halibuts, soles	37,636	45,875	53,854	57,320	70,328
Cod	7,286	6,708	10,435	12,016	12,476
Alaska pollack	61,338	69,089	91,034	99,566	99,466
Atka mackerel	2,925	3,558	3,533	4,738	3,565
Rockfishes	11,312	11,301	12,554	16,818	16,282
Croakers	5,396	5,280	5,544	6,814	7,177
Hairtail	4,460	5,480	4,822	4,959	6,017
Sea breams	21,746	26,447	28,736	31,492	34,437
Spanish mackerels	2,757	3,398	3,172	3,750	4,904
Sand lance	6,272	6,025	7,532	9,771	11,714
Others	128,829	132,608	161,219	181,181	211,250
Crustaceans	45,391	55,665	67,585	90,601	90,071
Spiny lobster	2,940	3,573	3,950	4,712	4,142
"Kuruma" prawn	5,112	6,078	7,564	8,546	10,017
Other prawns, shrimps	17,545	23,963	28,353	45,752	44,210
King crab	3,495	3,788	2,557	4,257	865
Queen crab	10,915	10,646	13,184	12,680	12,851
Other crabs	5,384	7,617	11,977	14,654	17,986
Molluscs	160,058	154,320	160,973	231,237	274,103
Common squid	78,809	67,908	64,194	111,361	130,169
Other squids, cuttlefishes	27,177	37,458	41,722	50,666	59,459
Octopuses	20,990	15,312	16,545	21,807	26,496
Abalones	6,654	8,149	9,841	10,305	13,848
Short necked clams	3,869	4,704	5,360	8,178	8,683
Common scallop	2,983	3,971	4,136	4,086	5,353
"Mogai" clam	4,971	1,360	764	1,662	2,241
Other clams, shellfishes	14,605	15,458	18,411	23,172	27,854

BY SPECIES, 1971～1975

Unit: Million yen

Species	1971	1972	1973	1974	1975
Echinodermata, etc.	11,218	11,004	14,529	19,196	20,621
Sea urchins	6,097	5,853	7,962	9,591	10,437
Sea cucumbers	1,964	1,953	2,442	3,238	3,411
Other marine animals	3,157	3,198	4,125	6,367	6,773
Marine mammals	135	163	187	330	175
Seaweeds	22,444	23,003	26,030	27,453	31,044
Kelps	15,122	17,013	17,828	18,782	22,193
"Wakame" seaweed	3,787	2,107	3,164	2,612	2,497
Agar-agar	886	1.163	1,686	1,632	1,730
Others	2,649	2,720	3,352	4,427	4,624
Marine Cultures	137,383	170,776	225,146	232,494	253,612
Yellowtails	34,255	45,372	45,235	72,705	85,617
Pearl	11,435	15,373	18,385	16,721	21,744
Oyster	10.369	12,189	12,836	16,511	19,897
Common scallop	2,271	4,089	7,233	11,838	14,334
"Nori" laver	66,450	76,948	117,905	88,068	83,546
"Wakame" seaweed	6,958	8,397	10,675	11,134	8,538
Others	5,645	8,408	12,877	15,517	19,936
Inland Water Fisheries	21,371	23,079	29,848	34,843	41,704
Salmons, trouts	1,427	1,462	2,166	2,163	3,972
Sweet fish	8,113	8,579	11,143	14,767	17,377
Common carp, crucian carp	2,887	3,252	3,644	4,177	4,835
Eel	3,138	2,998	2,474	2,828	3,210
Fresh water clams	1,257	1,700	1,943	2,603	4,095
Others	4,549	5,088	8,478	8,305	8,215
Inland Water Cultures	34,923	44,099	52,760	62,168	71,285
Trouts	4,755	5,041	7,727	9,115	8,230
Sweet fish	...	...	4,269	5,579	6,237
Common carp, crucian carp	7,067	7,546	11,525	11,693	12,146
Eel	18,788	26,096	27,116	33,556	41,913
Others 1]	4,313	5,416	2,123	2,225	2,759
Whalings	31,372	27,771	27,331	32,720	36,405

Note: 1] Including Sweet fish until 1972.

5. CATCH IN QUANTITY AND VALUE

Note : 1] Excluding whalings

Type of Fisheries	1971		1972	
	Q	V	Q	V
Grand Total 1]	9,908,544	1,089,405	10,213,113	1,179,636
Marine Fisheries	9,148,746	895,728	9,400,020	941,682
Mother ship type fisheries				
Mother ship type trawl	1,247,147	31,971	1,294,009	31,132
Mother ship type salmon fishery	37,238	14,481	35,205	13,290
Mother ship type crab fishery	22,781	7,807	21,927	7,079
Mother ship type tuna long line	20,516	7,011	11,227	4,313
Trawls				
Large trawls in N. Pacific Ocean	1,377,993	49,997	1,589,657	64,078
Large trawl in Southern Ocean	282,598	49,068	271,759	42,722
Large trawl in East China Sea	256,641	36,591	218,879	37,422
Srimp trawl	574	470	700	588
Medium trawl (one boat operation)	837,809	30,714	938,999	36,296
(two boats operation)	57,054	7,826	58,007	8,756
Small trawls	265,283	55,462	324,811	62,341
Surrounding nets				
Large and medium surrounding net (one boat operation)	1,082,998	43,588	279,329	49,851
(two boats operation)	1,065,588	11,051	169,296	10,340
Purse seine (one boat operation)	214,041	14,663	218,165	17,420
(two boats operation)	211,786	13,459	209,691	15,338
Others	32,708	4,572	23,579	4,753
Lift nets				
Saury stick held dip net	171,419	14,375	177,483	10,251
Others	106,007	6,458	84,775	6,275
Gill nets				
Salmon drift gill net	47,009	16,936	54,656	21,404
Others	358,054	41,835	307,948	41,284
Seine nets				
Beach seine	13,921	1,462	12,612	1,455
"Patchi" seine	88,691	6,369	108,880	9,257
Boat seine	119,443	13,560	113,057	15,967
Set nets				
Salmon large set net	26,794	11,920	25,462	11,446
Other large set net	123,211	21,105	117,540	19,974
Small set nets	112,506	18,488	119,425	19,011
Anglings				
Skipjack pole-and-line on distant waters	164,770	33,973	201,785	38,608
Skipjack pole-and-line on offshore waters	51,348	9,019	64,236	12,923
Skipjack pole-and-line on coastal waters	13,980	2,415	25,110	4,167
Mackerel pole-and-line	56,979	2,288	34,093	1,315
Other mackerel anglings	7,113	439	6,762	568
Squid angling	364,577	79,183	465,474	71,567
Others	78,879	24,198	83,540	27,688
Long lines				
Tuna long line on distant waters	224,845	97,818	220,050	103,404
Tuna long line on offshore waters	61,469	18,093	59,784	19,442
Tuna long line on coastal waters	9,874	3,923	12,902	5,288
Salmon long line	18,091	4,214	2,692	1,212
Others	79,863	16,820	85,268	19,770
Others				
N. Pacific Ocean tanner crab fishery	7,418	1,467	7,285	1,777
N. Pacific Ocean long line and gill net	31,165	4,182	32,062	2,909
Shellfish collecting	184,161	15,412	159,051	17,001
Seaweed collecting	243,480	22,313	230,065	22,853
Other fishery	157,183	28,733	136,524	29,147
Marine Cultures	608,684	137,383	647,905	170,776
Inland Water Fisheries	100,716	21,371	109,357	23,079
Inland Water Cultures	50,398	34,923	55,831	44,099
Whalings				
Antarctic mother ship type	7,082	19,213	9,571	17,722
N. Pacific mother ship type	4,876	9,311	4,039	7,455
Coastal large type	3,842	2,631	3,442	2,387
Coastal small type	619	217	538	207

BY FISHERY TYPE, 1971～1975

Unit { Quantity: Metric tons, Numbers(Whalings)
Value: Million yen

1973		1974		1975	
Q	V	Q	V	Q	V
10,762,644	1,464,130	10,808,220	1,708,409	10,545,148	1,886,946
9,793,029	1,156,376	9,749,031	1,378,903	9,573,068	1,520,345
1,109,886	31,643	962,143	32,308	796,050	33,613
35,588	18,855	33,563	17,413	33,907	17,901
17,159	6,633	13,467	4,112	8,099	3,598
7,929	2,997	2,310	1,005	2,017	1,100
1,764,545	84,592	1,643,020	87,695	1,389,088	87,916
307,187	48,695	280,933	50,468	285,527	55,247
220,964	45,793	218,858	54,682	210,552	56,077
700	683	5,016	5,813	3,819	4,627
945,116	47,988	1,140,087	58,003	1,309,128	64,803
61,680	10,402	61,958	12,572	61,129	13,994
258,814	66,971	291,679	83,797	286,999	97,458
1,085,957	58,669	1,346,949	86,022	1,378,885	88,078
194,613	9,910	166,769	9,979	190,007	6,985
247,297	21,077	239,816	26,595	250,358	24,207
251,862	18,176	221,580	19,665	219,339	18,000
16,152	4,797	24,063	5,237	24,435	6,560
390,716	24,215	127,987	9,351	216,488	24,731
80,045	7,036	121,912	10,236	94,474	10,392
57,703	31,695	51,884	33,614	55,702	36,776
325,545	53,168	338,245	61,599	309,506	71,978
13,836	1,650	10,777	1,631	11,781	2,293
105,555	9,082	103,403	11,177	105,106	15,119
113,671	18,560	110,445	20,068	110,750	28,279
32,805	20,837	39,766	26,583	57,125	45,259
129,847	25,083	148,018	34,880	183,336	36,348
129,119	23,188	120,727	28,015	140,931	33,368
272,182	55,155	286,446	64,607	203,219	56,430
103,117	20,219	130,641	25,573	102,685	29,020
22,945	3,709	28,025	6,627	16,678	4,550
62,886	3,346	59,202	3,526	53,655	2,597
7,253	553	9,393	859	6,985	784
354,185	67,264	347,376	116,162	409,405	139,516
92,870	34,283	89,566	41,075	88,768	46,823
216,752	126,800	205,119	136,121	198,120	141,729
67,238	25,840	73,535	34,324	74,592	41,536
16,055	6,529	15,981	10,465	17,103	10,594
3,887	1,584	3,041	2,085	3,154	1,627
95,560	23,141	85,108	27,250	80,953	29,491
5,830	3,136	5,214	2,471	6,608	3,110
29,765	6,021	29,642	7,990	29,144	8,727
171,009	21,596	203,479	28,286	174,074	32,733
218,177	25,818	195,689	27,180	228,486	30,697
149,030	38,988	156,199	51,786	144,901	55,674
790,974	225,146	879,761	232,494	772,741	253,612
114,212	29,848	112,329	34,843	127,220	41,704
64,429	52,760	67,099	62,168	72,119	71,285
6,996	17,821	7,457	20,931	7,423	26,530
3,771	7,373	3,731	9,120	3,063	7,260
2,593	1,837	2,620	2,430	2,464	2,220
652	299	469	240	477	395

6. CATCHES OF MAJOR SPECIES

1) Tunas, albacore

Unit: Metric tons

	1971	1972	1973	1974	1975
Total Catch	307,965	318,090	341,818	348,950	310,616
Tuna long line					
mother ship type	15,521	9,031	5,685	1,798	1,050
on distant waters	174,822	173,566	173,622	162,218	159,239
on offshore waters	33,832	34,912	41,952	47,700	48,343
on coastal waters	6,012	8,156	10,000	11,248	12,954
Skipjack pole-and-line	62,927	76,425	91,637	95,423	67,264
Surrounding nets	8,231	9,530	11,595	16,493	13,490
Others	6,620	6,470	7,327	14,070	8,276

2) Marlins, swordfishes

Total Catch	52,506	48,357	46,693	48,712	50,561
Tuna long line					
mother ship type	3,817	1,515	1,280	436	947
on distant waters	35,585	34,175	29,298	31,230	27,383
on offshore waters	8,584	8,766	8,709	9,745	8,911
on coastal waters	1,285	1,727	1,469	1,070	1,394
Other gill nets	65	361	4,351	4,729	10,150
Others	3,170	1,813	1,586	1,502	1,776

3) Skipjack

Total Catch	171,544	222,826	321,617	346,895	258,736
Skipjack pole-and-line					
on distant waters	113,738	139,158	197,481	205,491	151,621
on offshore waters	38,601	49,743	84,512	114,926	84,221
on coastal waters	5,041	10,935	9,863	12,864	8,506
Surrounding nets (one boat)	8,709	14,518	16,801	5,864	8,186
Surrounding nets (two boats)	2,720	1,587	1,815	1,078	318
Other anglings	1,752	5,239	8,782	5,116	4,561
Others	983	1,646	2,363	1,556	1,323

4) Salmons, trouts

Total Catch	139,299	119,601	136,009	132,531	159,338
Mother ship type salmon fishery	37,238	35,205	35,588	33,563	33,907
Salmon drift gill net	47,009	54,656	57,703	51,884	55,702
Salmon large set net	24,678	20,627	29,365	36,247	53,183
Small set nets	6,976	3,680	5,531	4,553	6,867
Other long lines	18,573	2,749	4,058	3,071	3,797
Others	4,825	2,684	3,764	3,213	5,882

5) Herring

Total Catch	100,483	62,198	82,658	76,273	66,617
Mother ship type trawl	9,951	2,444	434	1,746	501
Large trawl in Southern Ocean	3,228	2,691	2,849	3,436	2,079
Medium trawl (one boat)	8,414	4,654	21,680	14,760	9,985
Other gill nets	59,686	41,163	55,502	50,867	52,997
Others	19,204	11,246	2,193	5,464	1,055

BY FISHERY TYPE, 1971~1975

6) Sardine, round herring

Unit: Metric tons

	1971	1972	1973	1974	1975
Total Catch	104,555	106,650	337,286	397,848	569,983
Surrounding nets (one boat)	43,202	54,725	107,446	168,988	257,790
Surrounding nets (two boats) ...	22,946	30,607	200,421	177,474	245,996
Other surrounding nets	3,225	2,451	1,941	2,962	4,077
Other lift nets	5,117	4,948	6,061	15,081	14,174
Set nets	5,974	8,905	17,586	27,512	39,959
Others	24,091	5,014	3,831	5,831	7,987

7) Anchovy

Total Catch	350,692	369,688	335,425	287,516	245,164
Surrounding nets (one boat)	82,752	85,936	86,240	62,156	56,516
Surrounding nets (two boats) ...	154,886	144,515	115,082	100,323	69,839
Set nets	26,360	17,233	18,091	15,035	13,523
"Patchi" seine	34,971	70,152	67,948	69,012	67,001
Boat seine	31,826	33,872	29,785	23,668	26,011
Others	19,897	17,980	18,279	17,322	12,274

8) Jack mackerel, scads

Total Catch	315,470	193,842	182,720	215,724	235,316
Surrounding nets (one boat)	245,765	139,555	132,964	158,337	186,603
Surrounding nets (two boats) ...	29,956	25,169	22,405	22,527	11,889
Other lift nets	10,795	7,994	4,094	8,007	6,848
Set nets	18,375	12,588	12,864	15,589	16,789
Others	10,579	8,536	10,393	11,264	13,187

9) Mackerels

Total Catch	1,253,892	1,189,910	1,134,503	1,330,625	1,318,210
Surrounding nets (one boat)	869,216	932,030	919,174	1,113,049	1,067,570
Surrounding nets (two boats) ...	259,915	157,374	90,719	71,194	69,742
Set nets	56,958	33,940	62,841	59,150	53,118
Mackerel pole-and-line	29,831	30,487	31,339	51,870	97,654
Others	37,972	36,079	30,430	35,362	30,126

10) Saury

Total Catch	190,288	196,615	406,445	135,462	221,573
Saury stick held dip net	171,393	177,364	390,653	127,166	215,911
Other gill nets	11,293	13,033	13,033	3,832	1,673
Set nets	6,941	4,757	1,665	4,072	3,683
Others	661	1,461	1,094	392	306

6. CATCHES OF MAJOR SPECIES

11) Yellowtails

Unit: Metric tons

	1971	1972	1973	1974	1975
Total Catch	48,102	49,738	52,916	40,977	38,316
Surrounding nets	7,831	11,411	12,100	7,255	6,877
Large set nets	15,179	14,755	14,293	13,206	12,800
Small set nets	4,218	4,174	3,874	3,385	3,389
Other gill nets	5,290	4,232	4,752	4,202	4,020
Other anglings	13,838	12,997	15,113	10,781	9,348
Others	1,746	2,169	2,784	2,148	1,882

12) Flounders, halibuts, soles

Total Catch	347,697	356,845	388,547	356,749	348,334
Mother ship type trawl	134,368	108,039	124,383	110,682	97,656
Large trawls in N. Pacific Ocean	68,276	104,836	115,934	90,291	82,711
Large trawl in East China Sea	16,512	17,149	17,139	19,535	26,228
Medium trawls	56,074	54,152	60,298	65,542	66,621
Small trawls	27,695	27,278	26,691	26,860	27,073
Other gill nets	33,446	31,394	32,098	32,642	36,525
Others	11,326	13,997	12,004	11,197	11,520

13) Cod

Total Catch	95,320	87,604	108,513	108,399	92,370
Mother ship type trawl	17,511	19,617	29,848	32,306	23,162
Large trawls in N. Pacific Ocean	38,756	28,909	30,036	26,612	18,734
Medium trawls	23,932	24,645	30,642	29,652	28,202
Other gill nets	3,583	3,861	6,520	6,128	8,097
Other long lines	9,087	6,921	8,230	10,927	8,489
Others	2,451	3,651	3,237	2,774	5,686

14) Alaska pollack

Total Catch	2,707,443	3,035,285	3,020,870	2,855,896	2,677,371
Mother ship type trawl	1,075,150	1,154,967	949,750	806,147	663,029
Large trawls in N. Pacific Ocean	1,130,301	1,284,330	1,453,533	1,331,742	1,138,707
Medium trawls	341,086	450,981	476,038	551,199	758,893
Other gill nets	143,638	115,950	100,987	135,852	90,501
Other long lines	13,877	25,537	33,927	20,497	20,907
Others	3,391	3,520	6,635	10,459	5,334

15) Sea breams

Total Catch	29,383	32,782	30,317	29,497	28,970
Large trawl in Southern Ocean	1,328	3,472	2,458	3,063	2,543
Large trawl in East China Sea	2,914	4,044	4,559	3,406	2,966
Small trawls	1,938	2,709	2,320	2,554	2,545
Other gill nets	2,859	2,923	2,746	2,875	2,831
Boat seine	3,975	3,764	3,273	3,066	2,650
Other anglings and long lines	10,397	11,081	10,475	10,185	9,604
Others	5,972	4,789	4,486	4,348	5,831

BY FISHERY TYPE, 1971～1975 (Continued)

16) Sand lance

Unit: Metric tons

	1971	1972	1973	1974	1975
Total Catch	271,936	194,930	193,994	299,855	274,850
Medium trawls	140,267	104,320	100,563	192,151	189,462
Other lift nets	42,771	25,981	25,364	43,970	33,079
"Patchi" seine	13,347	13,616	10,013	13,356	11,650
Boat seine	42,584	28,408	30,040	39,417	30,951
Small set nets	6,953	6,485	12,986	6,885	7,650
Others	26,014	16,120	15,028	4,076	2,058

17) Lobster, shrimps, prawns

Total Catch	51,151	58,276	62,316	78,914	69,337
Large trawls in N. Pacific Ocean	4,762	6,020	5,881	3,596	6,598
Shrimp trawl	574	700	700	5,010	3,819
Large trawl in East China Sea	1,654	1,851	6,316	18,146	7,923
Medium trawls	3,356	2,815	3,377	3,636	4,181
Small trawls	28,729	35,237	32,263	34,490	30,272
Other surrounding nets	3,116	3,531	2,964	4,417	5,673
Others	8,960	8,122	10,815	9,619	10,871

18) Crabs

Total Catch	74,515	78,462	78,008	90,590	76,283
Mother ship type crab fishery	22,781	21,927	17,159	13,467	8,099
Medium trawls	12,014	11,155	7,800	5,879	4,493
Small trawls	4,506	4,251	7,350	6,287	6,511
Other gill nets	4,085	4,097	5,242	4,508	5,118
Other fishery (crab cages, etc.)	23,377	27,977	33,963	54,681	44,863
Others	7,752	9,055	6,494	6,875	7,199

19) Squids, cuttlefishes

Total Catch	482,518	599,450	486,287	469,933	530,927
Large trawl in Southern Ocean	37,159	45,371	44,420	39,000	27,148
Large trawl in East China Sea	22,864	21,943	25,501	18,779	27,167
Medium trawls	15,671	22,671	21,604	22,004	20,382
Set nets	20,606	24,687	22,175	17,975	16,015
Squid angling	364,175	465,267	353,482	346,944	408,942
Others	22,043	19,511	19,105	25,231	31,273

20) Octopuses

Total Catch	85,507	66,857	63,764	76,731	73,962
Large trawl in Southern Ocean	38,063	25,287	20,778	28,144	24,535
Medium trawls	3,127	3,063	2,511	2,527	2,456
Small trawls	8,972	9,163	9,423	10,363	12,419
Other long lines	11,302	6,407	7,784	9,017	8,129
Other fishery (octopus pots)	20,223	19,451	19,795	22,477	22,537
Others	3,820	3,486	3,473	4,203	3,886

7. INDEX OF FISHERY PRODUCTION BY TYPE OF FISHERIES, 1970~1975 (1970=100)

Group	1970	1971	1972	1973	1974	1975
Fisheries total	100.0	104.4	107.0	122.1	122.9	127.7
Marine fisheries and marine cultures	100.0	105.0	108.2	124.2	125.2	129.7
Distant water fisheries 1]	100.0	102.5	101.6	105.3	99.1	98.8
Offshore fisheries 2]	100.0	107.0	111.4	127.1	121.5	143.4
Coastal fisheries 3]	100.0	104.0	104.9	99.0	102.9	118.9
Fishery using fishing boat	100.0	103.5	104.8	94.7	97.4	106.5
Set net and beach seine fisheries	100.0	106.5	105.4	120.0	129.1	178.8
Marine cultures	100.0	105.8	117.1	165.6	190.4	192.9
Coastal fisheries and marine cultures 4]	100.0	104.7	109.2	122.2	133.3	157.5
Inland water fisheries and inland water cultures	100.0	97.1	96.5	108.3	113.9	130.9
Whalings	100.0	97.4	82.7	75.1	60.9	53.8

Note: 1] These indicate mother ship type fisheries, large trawl in Eastern China Sea, distant water trawls, tuna long line on distant water, skipjack pole-and-line on distant waters, North Pacific Ocean tanner crab fishing, North Pacific Ocean long line and gill net.

2] These indicate fisheries operating with powered boat of more than 10 gross tonnage except for fisheries on distant waters, shellfish collecting, seaweeds collecting, set net fishing and beach seine fishing.

3] These indicate fishing without using fishing boat, fishing with non-powered boat, fishing with powered boat less than 10 gross tonnage and include shellfish collecting, seaweeds collecting, set net and beach seine.

4] These indicate fisheries on coastal waters in wide sence, including fisheries on coastal waters and marine cultures.

5] The calculating method of the index is as follows:

(1) 122 commodities are adopted (from marine fisheries 79, marine cultures 13, whaling 10, inland water fisheries 13, inland water cultures 7).

(2) Formula

Laspeyres' formula is used.

$$Q_{0t}=\frac{\Sigma W_0(q_t/q_0)}{\Sigma W_0}$$

W_0: weight of production value for 1969 and 1970 was used.

q_0: quantity of production in the base period.

q_t: quantity of production in the current period.

(3) Weight

Commodity weights are calculated by using production value for 1969 and 1970 obtained by maltiplying quantity of production by price, and expressing as portions of 10,000.

8. INDEX OF FISHERY PRODUCTION BY SPECIES, 1970~1975 (1970=100)

Species	1970	1971	1972	1973	1974	1975
Marine Fisheries						
Bluefin tuna	100.0	109.9	105.5	109.5	112.6	92.8
Albacore	100.0	138.5	144.8	147.2	148.4	108.2
Bigeye tuna	100.0	96.9	106.4	109.6	106.2	122.9
Yellowfin tuna	100.0	89.6	85.7	88.4	90.7	91.0
Striped marlin	100.0	100.5	80.8	67.6	75.5	87.7
Brodbill swordfish	100.0	59.0	67.3	63.3	62.9	77.1
Skipjack	100.0	84.6	109.8	139.9	143.9	127.5
Sharks	100.0	86.6	84.4	83.3	78.4	82.9
Salmons	100.0	99.3	105.9	102.9	122.4	138.3
Trouts	100.0	157.0	92.2	141.2	91.9	128.2
Herring	100.0	103.2	63.9	84.9	78.3	68.4
Sardine	100.0	342.5	345.2	1,770.5	2,097.5	3,137.4
Anchovy	100.0	96.0	101.2	91.8	78.7	67.1
Jack mackerel	100.0	125.7	70.4	59.4	76.8	86.1
Mackerels	100.0	96.3	91.4	87.1	102.2	101.3
Saury	100.0	204.3	211.1	436.4	145.5	237.9
Yellowtails	100.0	87.7	90.6	96.4	74.7	69.8
Flounders, soles	100.0	118.0	120.9	131.7	121.0	118.4
Cod	100.0	81.4	74.8	92.7	92.6	78.9
Alaska pollack	100.0	115.4	129.3	128.7	121.7	114.1
Red sea bream	100.0	74.7	102.5	83.3	80.4	75.6
Sand lance	100.0	119.8	85.8	85.4	132.1	121.0
King crab	100.0	60.0	55.0	35.2	31.1	10.4
Common squid	100.0	88.4	112.6	84.1	81.2	91.8
Octopuses	100.0	89.0	69.6	64.8	78.7	76.9
Sea urchins	100.0	93.6	83.5	88.8	79.6	82.7
Sea cucumbers	100.0	105.0	98.0	92.2	94.3	81.8
Abalone	100.0	87.5	89.9	90.3	76.9	83.8
Kelp	100.0	137.0	140.3	117.8	107.8	142.4
Marine Cultures						
Yellowtails	100.0	142.6	177.6	185.4	213.6	213.4
"Kuruma" prawn	100.0	101.7	150.8	216.3	302.7	311.0
Oyster	100.0	101.4	113.9	119.8	110.4	105.4
Common scallop	100.0	196.7	408.1	693.8	1,104.4	1,239.0
"Nori" laver	100.0	108.1	98.7	142.0	160.4	134.2
"Wakame" seaweed	100.0	123.6	138.4	148.2	201.4	133.5
Inland Water Fisheries						
Salmon	100.0	135.9	106.0	146.5	152.1	377.3
Pond smelt	100.0	100.8	107.9	129.2	123.8	109.8
Sweet fish	100.0	106.5	98.4	115.0	124.2	141.2
Common carp	100.0	114.1	111.2	129.7	140.9	165.7
Crucian carp	100.0	99.7	99.6	97.7	89.5	94.7
Inland Water Cultures						
Rainbow trout, etc.	100.0	119.9	127.1	154.5	165.8	157.3
Sweet fish	100.0	115.5	126.6	129.8	138.1	146.3
Common carp	100.0	112.4	144.3	166.4	165.9	177.3
Eel	100.0	85.1	79.7	88.8	102.1	124.0

Ⅱ. STRUCTURE OF FISHERY PRODUCTION

9. NUMBER OF MARINE FISHERIES ESTABLISHMENTS, 1971～1975

Unit : Number

Strata	1971	1972	1973	1974	1975
Grand Total	225,438	223,202	232,302	233,208	227,452
Without fishing boat	...	...	14,686	14,311	11,901
Using non-powered boats	9,937	8,256	7,793	4,915	3,492
Using powered boats					
Less than 3 G.T.	101,568	101,235	96,970	100,578	100,374
3 - 5	21,825	23,647	25,933	27,115	28,143
5 - 10	7,304	7,817	8,250	8,382	9.041
10 - 30	5,193	5,445	5,352	5,457	5,547
30 - 100	2,781	2,905	2,853	2,912	2,888
100 - 200	711	704	627	636	625
200 - 500	584	609	603	612	603
500 - 1,000	252	258	278	314	301
1,000 G.T. and over	172	186	215	219	222
Set nets					
Large set nets	861	867	832	923	945
Small set nets	5,807	5,841	5,755	6,118	6,318
Beach seine	784	758	808	669	657
Culture					
Laver culture	47,226	43,028	38,436	25,641	31,751
Oyster culture	3,471	3,413	3,245	3,354	3,382
Pearl culture	2,808	2,522	1,878	1,849	1,833
Other cultures	14,154	15,711	17,788	19,203	19,429

Note: Excluding the number of fisheries establishments which engaged in fishing for less than 30 days in a year.

10. NUMBER OF MARINE FISHERY WORKERS, 1971～1975

Unit : Thousand men

	1971	1972	1973	1974	1975
Grand Total	525.4	508.2	510.7	496.9	477.5
Men	423.5	419.5	420.5	412.6	397.6
15 - 39 years old	189.3	180.7	167.6	153.3	143.3
40 - 59 years old	167.7	173.1	185.9	189.4	186.7
60 years old and over	66.5	65.7	67.0	69.9	67.5
Women	101.9	88.6	90.2	84.3	80.0

11. NUMBER OF FISHING BOATS, 1971~1975

Unit : Number

Size	1971	1972	1973	1974	1975
Grand Total	396,662	384,391	399,023	394,333	414,745
Marine	374,237	363,258	377,382	372,151	390,480
Non-powered	97,613	78,225	78,953	57,673	44,601
Powered	276,624	285,033	298,429	314,478	345,879
Less than 5 G.T.	250,081	257,602	269,960	285,695	316,683
5 - 9	9,382	9,901	10,372	10,733	11,295
10 - 49	10,876	10,881	10,955	10,809	10,656
50 - 99	3,446	3,690	3,977	4,045	4,022
100 - 199	1,221	1,222	1,255	1,253	1,279
200 - 499	1,294	1,419	1,590	1,633	1,652
500 - 999	115	108	97	95	90
1,000 G.T. and over	209	210	223	215	202
Inland Water	22,425	21,133	21,641	22,182	24,265
Non-powered	16,746	14,842	15,453	14,030	8,659
Powered	5,679	6,291	6,188	8,152	15,606
Less than 5 G.T.	5,675	6,288	6,185	8,149	15,602
5 G.T. and over	4	3	3	3	4

12. GROSS TONNAGES OF FISHING BOATS, 1971~1975

Unit : G. t.

Size	1971	1972	1973	1974	1975
Grand Total	2,546,992	2,612,074	2,712,030	2,701,885	2,706,233
Marine	2,531,435	2,596,854	2,696,724	2,686,070	2,688,002
Non-powered	67,397	58,027	57,015	44,729	36,679
Powered	2,464,037	2,538,827	2,639,709	2,641,340	2,651,323
Less than 5 G.T.	426,912	445,918	470,342	492,536	525,844
5 - 9	72,177	76,444	80,419	83,522	87,408
10 - 49	247,614	245,123	239,557	232,376	225,531
50 - 99	277,371	299,197	319,888	323,648	321,114
100 - 199	186,315	185,879	184,510	182,287	184,944
200 - 499	433,633	471,289	504,965	520,698	539,175
500 - 999	87,857	82,542	73,005	71,339	68,294
1,000 G.T. and over	732,158	733,433	767,023	734,934	699,012
Inland Water	15,557	15,220	15,306	15,805	18,230
Non-powered	8,495	7,457	7,855	7,076	4,765
Powered	7,062	7,763	7,451	8,739	13,465
Less than 5 G.T.	7,021	7,736	7,424	8,712	13,433
5 G.T. and over	41	27	27	27	32

III. MARKETING OF FISHERY PRODUCT

13. QUANTITY AND PRICE OF LANDINGS BY COMMODITY AT FISH MARKETS IN PRODUCING AREAS, 1975

Commodity	Quantity of landings	Price
Total of fishes, other marine animals, marine mammals and whales	5,303,273	118
Bluefin tuna		
Fresh	6,515	951
Frozen, round type	24,118	1,289
Frozen, fillet type	1,319	951
Albacore		
Fresh	17,373	302
Frozen, round type	52,042	231
Frozen, fillet type	4	382
Bigeye tuna		
Fresh	15,179	1,021
Frozen, round type	70,925	649
Frozen, fillet type	236	622
Yellowfin tuna		
Fresh	24,713	571
Frozen, round type	36,298	504
Frozen, fillet type	141	538
Other tunas		
Fresh	7,087	481
Frozen	940	275
Striped marlin		
Fresh	10,015	600
Frozen, round type	7,261	732
Frozen, fillet type	91	607
Broadbill swordfish		
Fresh	10,558	430
Frozen, round type	447	439
Frozen, fillet type	4,327	528
Black marlins		
Fresh	2,826	545
Frozen, round type	7,450	610
Frozen, fillet type	137	528
Other swordfish marlins and sailfish		
Fresh	547	412
Frozen, round type	2,982	361
Frozen, fillet type	37	356
Skipjack		
Fresh	53,103	303
Frozen	142,587	185
Salmons		
Fresh	12,880	848
Frozen	8,627	980
Salted	23,526	993
Salmons (Pink and Cherry salmons)		
Fresh	15,010	346
Frozen	4,272	442
Salted	6,950	318
Sardine	301,771	26
Round herring	13,232	82
Jack mackerel	133,854	178
Scads	39,914	113
Mackerels	957,199	39
Saury	172,078	117
Common squid		
Fresh	94,318	321
Frozen	117,231	307
Bastard halibut	11,218	776
Flounders, soles		
Fresh	79,130	200
Frozen	85,612	182
Cod		
Fresh	35,111	128
Frozen	22,298	219
Alaska pollack		
Fresh	1,473,158	27
Frozen	4,338	34
Atka mackerel	81,874	28
"Menuke" Rockfishes		
Fresh	6,336	442
Frozen	19,411	307
"Kichiji" Rockfishes	14,928	260
Sand fish	11,379	116
Deep sea smelts	4,338	126
Sharks		
Fresh	30,018	81
Frozen	3,645	285
Yellow croaker	11,876	95
Other croakers	26,708	169
Lizard fishes	14,466	120
Butter fish	3,955	330
Sharp toothed eel	17,784	208
Hairtail	19,020	119
Gurnards	3,242	325
Skates and Rays	7,676	109
Red sea bream	5,323	1,316
Crimson sea bream	1,217	974
Yellow sea bream	6,244	1,040
Black sea bream	462	880
Other sea breams		
Frozen	7,121	676
Yellowtails	18,145	799
Spanish mackerels		
Fresh	6,601	242
Frozen	3,419	333

Remarks: 1. The quantity of landings is of the 67 fishing ports in the producing areas.

2. Prices here indicate the average prices per Kg, which are obtained by dividing the value of landings by the quantities of landings.

Unit { Quantity: ton
Price: yen per Kg

Commodity	Quantity of landings	Price
Dolphin fishes	6,509	134
Flying fishes	1,319	174
Frigate mackerel	5,718	182
Mallets	456	353
Common sea bass	704	727
Herring		
Fresh	15,773	171
Frozen	44,308	107
Sand launce	192,313	34
Anchovy	11,609	67
Post larval	1,068	337
Other fishes		
Fresh	303,328	142
Frozen	70,422	224
Salted	1,734	697
Cuttlefishes		
Fresh	6,479	341
Frozen	3,693	1,903
Other cuttlefishes	85,716	217
Octopuses		
Fresh	9,579	225
Frozen	5,997	132
Spiny lobster	83	3,591
"Kuruma"prawn	709	2,627
Other lobster, prawns and shrimps		
Fresh	15,904	710
Frozen	6,091	651
King crab	644	386
Tanner crab	7,006	927
Blue crabs	415	797
Other crabs	26,812	217
Sea urchins		
With shells	228	392
Shelled	190	6,802
Sea cucumbers	653	428
Other marine animals		
Fresh	6,187	92
Frozen	1,032	179
Marine mammals	666	84
Whale(by whaling)		
Fresh	3,020	538
Frozen	30,620	-
Salted	64	1,026

Commodity	Quantity of landings	Price
Total of shellfishes		
With shell	12,109	335
Shelled	3,320	516
Abalones	292	2,338
Top shell	1,044	590
Hard clams		
With shell	14	86
Short-necked clams		
With shell	412	150
Common scallop		
With shell	5,738	225
Shelled	1,332	619
Hen clams		
With shell	98	751
Shelled	84	1,818
"Mogai" clam		
With shell	771	100
Shelled	-	-
Oyster		
With shell	9	535
Shelled	369	746
Other shellfishes		
With shell	3,727	280
Shelled	1,534	319
Total of seaweeds		
Fresh	1,266	153
Dried	3,836	600
"Kombu" tangle		
Dried	3,738	630
"Wakame" seaweed		
Fresh	915	62
Dried	48	990
"Tengusa" agar-agars		
Fresh	3	-
Dried	8	479
"Funori"seaweed		
Fresh	9	642
Dried	1	540
Other seaweeds		
Fresh	336	377
Dried	39	483
Total of pried laver.. 1)	4,077	151
"Kuronori" laver ..... 1)	4,077	151
"Mazenori" laver ..... 1)	-	-
"Aonori" laver ..... 1)	0	199

Remarks: 1) Quantity are in unit of 10,000 sheets and prices are per 10 sheets.

14. QUANTITY AND PRICE OF ARRIVALS BY COMMODITY AT TOKYO CENTRAL WHOLESALE MARKETS, 1975

Unit { Quantity : ton / Price : yen per kg

Commodity	Quantity of arrivals	Price
Fresh		
Marine fishes	196,186	535
Bluefin tuna	1,719	1,716
Albacore	564	329
Bigeye tuna	2,185	1,721
Yellowfin tuna	1,797	897
Other tunas	1,892	845
Striped marlin	1,847	934
Broadbill swordfish	1,745	555
Blue marlins	580	623
Other marline	52	698
Skipjacks	9,875	461
Salmons	1,266	798
Salmons(Pink and Cherry salmons)	826	621
Sardine	7,253	117
Round herring	35	142
Jack mackerel	24,945	361
Mackerels	19,336	129
Saury	7,759	354
Common squid	19,234	458
Bastard haribut	2,190	700
Flat fishes	10,996	453
Cod	1,615	278
Ataka mackerel	858	91
Rock fishes	3,860	507
Sharks	4,060	171
Yellow croaker	-	-
Other croakers	919	286
Sharp toothed eel	198	522
Hairtail	1,221	327
Red sea bream	846	1,407
Crimson sea bream	291	1,251
Yellow sea bream	30	886
Yellowtail	17,737	957
Fishery	6,041	895
Culture	11,696	989
Spanish mackerels	1,234	603
Flying fishes	1,183	282
Common sea bass	561	514
Other fishes	33,313	518
Cuttlefish	1,392	671
Other cuttlefishes	2,231	464
Octopuses	734	632
Spiny lobstor	75	4,140
"Kurumaebi" prawn	97	4,175
"Taisho ebi" prawn	1,273	1,132
Other shrimps	2,991	1,316
Crabs	1,558	525
Other marine animals	1,810	2,697
Inland Water fishes	4,145	1,046
Shellfishes	41,638	651
Abalones with shell	912	3,059
Short necked clam with shell	1,002	120
Oyster shelled	5,669	744
Freshwater clam with shell	4,161	81
Other shellfishes	29,894	657
Frozen		
Bluefin tuna	20,895	1,371
Albacore	2,377	276
Bigeye tuna	55,899	716
Yellowfin tuna	10,101	614
Other tunas	-	-
Stripped marlin	4,886	740
Bradbill swordfish	6,571	585
Blue marlins	1,238	550
Other marlins	-	-
Skipjack	369	318
Salmons	11,794	833
Salmons(Pink and Cherry salmons)	4,396	486
Jack mackerel	5,500	225
Mackerels	5,393	103
Saury	10,986	282
Common squid	18,185	410
Flat fishes	15,339	299
Cod	4,042	219
Rock fishes	6,617	272
Sea breams	8,796	258
Spanish mackerels	1,086	238
Herring	5,088	176
Other fishes	75,184	625
"Mongo-ika" cuttlefish	12,677	898
Other cuttlefishes	11,604	470
Octopuses	19,309	480
"Taisho ebi" prawn	1,417	1,370
Other marine animals	-	-
Shellfishes	-	-
Meat of whale		
Fresh	180	693
Frozen	3,394	642
Processed fishery products		
Salted and dried		
Sardine, round herring	10,498	190
Jack mackerel, scad	13,026	384
Mackerels	4,177	140
Saury	8,243	253
Salted		
Salmons	22,435	943
Salmons(Pink and Cherry salmons)	7,614	495
Mackerels	739	142
Other salted productions	31,113	1,183
Processed whale products	981	471
Seaweeds	5,682	257
Other processed fishery products	179,863	471

Remark: Prices here indicate the average price which are obtained by dividing the value of arrivals by the quantities of arrivals.

15. PRICES OF MAJOR FISHERY PRODUCTS BY STEPS OF SALE DISTRIBUTION IN LARGE CONSUMING CITIES, 1975

1) Jack Mackerel(Fresh & Round, Middle Size)

City	Wholesale price	Broker price	Retail price
Sendai	472	601	820
Tokyo	386	527	623
Yokohama	278	404	581
Nagoya	231	316	533
Kyoto	363	447	885
Osaka	500	537	975
Kobe	361	402	570
Hiroshima ...	326	-	586
Fukuoka	280	326	495

2) Mackerels(Fresh & Round, Large Size)

City	Wholesale price	Broker price	Retail price
Sapporo	97	105	185
Sendai	98	153	201
Tokyo	145	182	257
Yokohama	145	162	264
Nagoya	117	153	247
Kyoto	148	202	384
Osaka	178	187	316
Kobe	187	208	296
Hiroshima ...	183	-	329
Fukuoka	140	162	253

3) Sardine(Fresh & Round, Middle Size)

City	Wholesale price	Broker price	Retail price
Tokyo	126	157	243
Nagoya	96	156	246

4) Saury(Fresh & Round, Large Size)

City	Wholesale price	Broker price	Retail price
Sapporo	215	226	325
Sendai	270	329	462
Tokyo	317	376	589
Yokohama	275	366	399
Nagoya	230	274	397
Osaka	303	339	572

5) Squid(Fresh & Round, Middle & Large Size)

Unit : Yen per kg

City	Wholesale price	Broker price	Retail Price
Sapporo	407	435	596
Sendai	489	575	735
Tokyo	359	547	740
Yokohama ...	459	485	686
Nagoya	326	416	582
Kyoto	394	478	691
Osaka	439	465	674
Kobe	379	416	579
Fukuoka	336	376	545

6) Squid(Frozen & Round)

City	Wholesale price	Broker price	Retail price
Sapporo	401	440	572
Sendai	426	504	629
Tokyo	421	486	639
Yokohama ...	424	447	593
Nagoya	367	429	570
Kyoto	424	471	661
Osaka	398	436	595
Kobe	400	439	596

7) Mackerels(Frozen & Round)

City	Wholesale price	Broker price	Retail price
Tokyo	129	161	250
Nagoya	94	119	173
Osaka	163	200	326

8) Bigeye Tuna(Frozen)

City	Wholesale price (Round)	Broker price (Block)	Retail price (Slice)
Tokyo	725	1,007	2,303
Osaka	635	1,079	2,484

9) White Salmons(Salted)

City	Wholesale price (Round)	Broker price (Round)	Retail price (Slice)
Sapporo	806	883	1,603
Sendai	1,005	1,192	1,488
Tokyo	981	1,172	1,567
Nagoya	847	976	1,561
Kyoto	1,030	1,206	1,946
Osaka	1,303	1,421	1,873

16. PROCESSED FISHERY

Proceseed products 1)	1971	1972	1973	1974	1975
Boiled and dried	84.1	89.9	79.2	81.8	79.9
Anchovies	59.6	66.4	66.9	62.5	60.9
Jack mackerel	5.5	5.0	2.8	3.7	3.2
Sand lance	5.3	4.3	4.4	7.2	7.6
Others	13.7	14.2	5.1	8.4	8.2
Cured	95.0	106.3	113.7	118.8	120.3
Mackerels	22.4	26.9	22.6	26.2	25.7
Skipjack	20.7	23.6	26.9	29.8	32.2
Others	51.9	55.8	64.2	62.9	62.4
Dried	39.5	46.1	45.2	45.8	47.7
herring	18.3	19.7	19.1	19.2	19.9
Squids	8.0	13.1	10.9	8.7	12.2
Others	13.2	13.3	15.2	17.9	15.6
Dressed frozen	70.3	98.6	108.3	112.2	126.3
Frozen	2,750.3	2,928.9	3,076.7	2,965.6	2,980.6
Albacore, tunas	210.0	217.2	214.9	221.3	191.7
Cod, Alaska pollack	52.5	74.0	115.0	125.4	75.3
Halibut, flounders	126.0	177.7	173.8	161.2	148.3
Mackerels	441.2	436.7	232.9	286.6	299.0
Marlins	39.5	39.1	31.9	34.8	28.8
Sardines, anchovies	102.1	117.6	245.9	243.8	311.0
Saury	179.9	176.2	331.2	131.0	183.5
Skipjack	49.3	75.1	141.5	161.7	145.0
Squids, cuttlefishes	231.1	364.9	221.5	224.4	231.1
Whales	118.1	103.0	99.5	87.5	74.6
Minced fish meats	359.3	395.0	423.1	384.3	387.7
Others	841.3	752.4	845.5	903.6	904.6
Kneaded	1,127.1	1,158.7	1,187.5	1,148.7	1,155.0
"Chikuwa" 2)	238.5	244.6	249.2	250.9	258.9
Fish sausage	165.4	162.4	164.3	120.5	111.3
"Kamaboko" 3)	379.8	400.3	425.6	437.6	447.0
Others	343.4	351.4	348.4	339.7	337.8
Manure and feed	843.4	924.6	975.4	962.7	1,034.8
Fish meal	421.9	428.5	471.3	489.4	512.6
Dried press cake	252.9	296.4	305.5	271.7	317.0
Others	168.7	199.7	198.6	201.6	205.2
Oil and fat	160.0	162.9	173.0	185.9	176.6
Fish oil, fish viscera oil	88.3	102.7	122.8	143.1	136.3
Whale oil	71.8	60.2	50.2	42.8	40.3
Salted	223.4	222.1	223.9	215.5	255.5
Alaska pollack roe, cod roe	34.8	41.4	46.8	46.6	44.8
Cod, Alaska pollack	17.7	24.3	15.3	14.7	18.0
Herring roe, salmon roe	5.4	8.6	10.3	13.1	12.9
Mackerels	55.5	47.4	28.8	41.7	46.5
Salmons	53.8	60.0	57.1	55.4	73.9
Trouts	33.9	22.4	38.7	23.7	37.6
Others	22.3	18.0	26.9	20.3	21.8

PRODUCTS, 1971～1975

Unit { Thousand metric tons
Canned: Thousand cases

Processed products	1971	1972	1973	1974	1975
Salted and dried	181.6	177.2	211.2	228.6	242.7
Jack mackerel	38.9	38.2	44.9	42.2	47.5
Mackerels	29.8	26.3	31.9	32.4	29.7
Sardines, anchovies	50.8	48.5	56.8	59.7	61.6
Saury	3.8	7.6	16.4	26.7	29.7
Others	58.2	56.6	61.2	67.6	74.2
Smoked	8.1	6.8	9.4	9.7	8.3
Salmons, trouts	0.8	0.9	1.3	1.0	1.3
Squids, cuttlefishes	0.3	0.3	0.7	0.5	0.6
Whale meat	4.6	3.2	1.3	1.6	1.4
Others	2.4	2.5	6.1	6.6	5.0
Others	240.8	259.5	292.4	283.0	292.1
Canned 4)Standard number of cases5)	18,289	17,575	16,657	17,316	17,192
(Actual number of cases)	(36,473)	(35,444)	(33,291)	(35,715)	(34,407)
Shellfish	1,056	1,231	861	981	580
Crabs	136	159	224	158	94
Jack mackerel	13	2	2	3	-
Mackerel	10,010	9,905	9,639	9,555	9,778
Prawns, shrimps	9	10	9	8	1
Salmons, trouts	1,873	954	917	1,089	921
Sardines, anchovies	73	195	296	303	422
Saury	569	349	232	384	510
Squids, cuttlefishes	43	232	164	80	245
Tunas, skipjack	3,355	3,360	3,484	3,831	3,852
Whale	819	735	600	694	561
Others	333	443	229	230	228

Note : 1) Excluding dried seaweeds.
2) Baked products of kneaded fish meat with seasonings.
3) Steamed products of kneaded fish meat with seasonings.
4) Surveyed by the Canners Association of Japan.
5) Converted to 450g x 48 cans in net weight for one case.

17. VALUE OF IMPORTS AND EXPORTS

Imports

Year	Live animals	Fresh and frozen			Salted, dried and smoked	Raw agar-agar
		Shrimps	Skipjack, Tunas, Marlins	Others		
1966	931	21,631	1,366	10,090	5,143	1,923
1967	1,305	28,704	2,085	11,663	6,155	2,562
1968	1,752	28,108	3,846	10,935	7,690	816
1969	2,745	43,829	4,923	14,923	7,033	896
1970	5,851	49,329	9,070	18,698	12,478	772
1971	7,779	73,333	11,538	32,832	13,838	610
1972	12,418	89,918	10,422	36,754	22,878	775
1973	17,752	118,207	14,171	71,137	42,059	1,309
1974	19,862	117,571	21,684	90,242	40,052	2,142
1975	24,862	137,517	39,527	107,412	35,166	1,748

Exports

Year	Frozen		Salted, dried and smoked	Canned		
	Skipjack, Tunas, Marlins	Others		Jack mackerel, Mackerels	Salmons	Saury
1966	31,818	10,724	2,892	8,495	13,766	1,817
1967	18,031	11,820	2,880	10,180	16,680	688
1968	17,758	14,895	3,212	14,502	21,000	312
1969	12,619	18,342	4,354	15,294	13,713	112
1970	13,983	21,573	4,248	19,573	16,181	41
1971	13,794	25,487	4,230	23,140	18,796	29
1972	17,752	36,629	4,513	23,286	17,196	22
1973	21,632	44,688	4,745	26,259	10,419	70
1974	24,331	42,714	5,398	35,554	12,993	53
1975	3,289	38,357	5,783	35,732	15,102	36

BY COMMODITY, 1966～1975

Unit: Million yen

Fish meals	Pearls	Oil and fat	Prepared	Dried seaweeds	Others	Total
6,657	1,248	400	2,240	3,474	5,229	60,332
4,867	794	297	2,184	3,924	4,427	68,966
7,278	1,448	424	1,532	5,953	2,352	72,135
5,919	1,496	558	1,808	6,441	3,232	93,843
6,689	1,474	229	3,561	3,099	3,378	114,628
1,414	1,315	356	5,721	1,337	3,272	153,345
3,266	1,550	351	7,384	768	3,854	190,338
8,738	2,175	445	14,784	2,958	6,339	300,074
3,404	2,158	569	18,934	59	6,563	323,240
5,856	3,147	904	22,884	221	6,285	385,529

Unit: Million yen

			Oil and fat				
Tunas	Crabs	Others	Whale oil	Others	Pearls	Others	Total
17,121	3,876	4,687	4,406	250	23,291	7,195	130,338
18,544	3,716	4,894	2,942	356	19,813	6,866	117,411
19,776	5,446	4,410	1,027	343	16,849	6,685	126,217
23,683	5,534	4,977	1,497	328	17,510	6,919	124,881
28,862	2,929	5,590	2,597	1,307	14,725	9,110	140,717
23,016	3,966	5,288	4,681	2,431	12,599	9,205	146,662
27,091	1,724	6,191	1,555	1,893	14,189	10,138	162,179
24,440	315	5,714	1,693	3,048	17,867	12,604	173,494
29,119	644	6,408	3,930	11,268	17,484	12,069	201,965
27,664	454	4,953	1,959	5,481	17,679	12,207	168,696

18. VALUE OF IMPORTS AND

Imports

Year	Republic of Korea	Taiwan	Indonesia	India	P. R. China	U.S.A.	Thailand
1966	10,050	723	337	659	11,501	6,263	2,703
1967	11,670	1,305	190	1,704	7,029	5,286	3,845
1968	11,549	2,530	690	2,384	5,663	6,235	4,195
1969	12,262	4,232	2,614	4,317	6,842	9,180	5,825
1970	14,203	9,151	3,791	5,317	10,815	8,700	5,651
1971	17,327	13,324	8,336	8,601	11,049	10,236	7,902
1972	24,623	17,322	14,992	12,358	15,261	7,570	10,295
1973	42,273	25,338	22,235	17,750	20,824	24,243	14,082
1974	62,763	28,746	24,504	17,391	29,020	16,326	12,901
1975	85,639	44,186	29,513	27,847	22,651	21,768	20,934

Exports

Year	U.S.A.	United Kingdom	Netherland	Republic of Germany	Taiwan	Philippines	Canada
1966	42,349	14,840	4,006	8,209	424	4,753	2,512
1967	33,094	17,550	4,482	7,068	439	7,064	2,456
1968	37,166	21,372	2,603	7,575	217	7,108	2,152
1969	37,390	13,323	3,145	8,215	1,259	5,752	2,721
1970	41,951	16,835	4,982	9,082	1,830	5,760	3,932
1971	40,107	15,763	6,985	6,917	2,071	6,549	4,833
1972	59,753	12,622	4,992	7,680	2,996	5,200	5,963
1973	61,664	10,520	4,088	8,871	5,939	5,301	7,437
1974	62,373	10,983	14,400	8,183	5,841	8,316	7,151
1975	38,142	12,354	9,935	9,670	8,363	7,770	6,843

EXPORTS BY COUNTRY, 1966～1975

Unit: Million yen

Spain	Canada	Australia	Hong Kong	U.S.S.R.	Mexico	Cuba	Others	Total
2,562	715	1,782	2,800	2,260	4,334	28	13,615	60,332
1,812	986	2,069	3,112	2,839	7,320	19	19,780	68,966
1,111	1,465	2,486	3,958	2,278	5,437	67	22,087	72,135
1,049	1,224	5,225	5,349	2,791	5,786	766	26,381	93,843
2,519	1,846	5,779	3,819	3,238	7,355	1,477	30,967	114,628
9,332	3,396	7,206	5,651	2,936	7,856	1,411	38,782	153,345
8,763	7,310	8,516	5,485	2,481	7,102	1,657	46,603	190,338
9,444	17,401	10,795	5,879	6,067	12,323	2,273	69,147	300,074
17,872	14,167	11,179	7,069	10,307	7,075	4,274	59,646	323,240
19,655	13,363	11,235	8,743	8,383	7,891	4,239	59,482	385,529

Unit: Million yen

Singapore	Hong Kong	Australia	Switzerland	Canary	France	S. Africa	Others	Total
870	3,313	3,123	4,909	204	3,142	236	37,448	130,338
1,327	2,606	3,068	4,849	915	2,005	381	30,107	117,411
1,365	2,852	3,341	3,896	997	2,996	385	32,192	126,217
1,962	4,048	4,009	4,320	1,318	3,420	724	33,275	124,881
5,220	4,123	5,322	3,735	1,396	2,013	1,311	33,225	140,717
2,834	3,011	4,971	3,507	1,814	3,291	1,428	42,581	146,662
2,328	4,053	4,741	4,553	1,804	3,252	1,175	41,067	162,179
3,463	4,662	5,363	6,146	1,993	2,167	1,973	43,907	173,494
3,618	4,378	8,383	4,729	2,040	3,259	3,091	55,220	201,965
5,428	5,290	5,227	4,668	3,066	3,015	2,881	46,044	168,696

19. VALUE OF IMPORTS AND EXPORTS (by Country, and by Commodity)

Imports

Country of origin	Live animals	Fresh and frozen			Salted, dried and smoked
		Shrimps	Skipjack, Tunas, Marlins	Others	
Total	24,862	137,517	39,527	107,412	35,166
Republic of Korea	3,602	3,380	22,923	36,682	4,844
Taiwan	20,016	4,225	9,880	4,391	166
Indonesia	4	27,457	399	202	987
India	-	27,142	-	579	0
P. R. China	386	13,996	1	2,378	3,556
U.S.A.	131	88	950	6,558	13,140
Thailand	89	10,951	-	6,923	988
Spain	-	-	134	19,230	-
Canada	1	30	288	3,315	9,676
Australia	0	8,146	3	890	2
Hong Kong	271	6,015	17	2,213	20
U.S.S.R.	-	-	-	7,267	288
Mexico	18	7,327	37	1	150
Cuba	-	3,912	163	5	-
Others	344	24,848	4,732	16,779	1,349

Exports

Country of destination	Frozen		Salted, dried and smoked	Canned		
	Skipjack, Tunas, Marlins	Others		Mackerel	Salmons	Saury
Total	3,289	38,357	5,783	35,732	15,102	36
U.S.A.	393	16,760	720	1,508	945	4
United Kingdom	-	710	12	651	8,249	-
Netherland	-	845	11	291	1,395	-
Republic of Germany	-	212	74	880	48	-
Taiwan	0	544	1,404	5	2	20
Philippines	-	1	0	7,160	-	-
Canada	-	335	48	210	514	0
Singapore	10	81	336	4,592	3	0
Hong Kong	45	16	3,018	276	21	0
Australia	-	2,146	12	104	2,012	-
Switzerland	-	21	0	2	10	-
Canary	93	2,800	6	2	1	0
France	2	940	3	40	413	-
South Africa	5	2,252	2	84	125	-
Others	2,741	10,694	137	19,927	1,364	12

Note: Digits below the unit are rounded. Therfore, the total figures are not necessarily equal to totals of individual figures.

OF FISHERY PRODUCTS, 1975

Unit: Million yen

Raw agar-agar	Fish meals	Pearls	Oil and fat	Prepared	Dried seaweeds	Others	Total
1,748	5,856	3,147	904	22,884	221	6,285	385,529
1,127	109	-	2	10,814	221	1,935	85,639
6	-	12	177	4,947	-	366	44,186
5	-	102	2	24	-	331	29,513
7	-	33	-	83	-	3	27,847
435	-	412	-	1,480	-	7	22,651
-	-	32	-	482	-	387	21,768
-	-	31	-	1,950	-	2	20,934
-	-	12	271	3	-	5	19,655
-	-	-	-	53	-	-	13,363
-	-	1,401	-	761	-	32	11,235
-	1	87	-	111	-	8	8,743
-	493	-	69	266	-	-	8,383
-	-	-	-	202	-	156	7,891
-	-	-	-	-	-	159	4,239
168	5,253	1,025	383	1,708	-	2,894	59,482

Unit: Million yen

			Oil and fat				
Tunas	Crabs	Others	Whale oil	Others	Pearls	Others	Total
27,664	454	4,953	1,959	5,481	17,679	12,207	168,696
12,116	68	1,258	-	211	1,997	2,162	38,142
2,309	1	54	-	9	208	151	12,354
297	88	34	1,902	4,853	157	62	9,935
2,749	-	30	-	6	5,506	165	9,670
-	-	129	20	108	0	6,131	8,363
-	-	568	5	0	-	36	7,770
4,411	-	1,125	-	-	141	59	6,843
0	-	229	-	4	137	36	5,428
13	-	65	-	2	1,772	62	5,290
83	5	263	-	4	74	524	5,227
1,815	-	67	-	-	2,745	8	4,668
0	2	96	-	-	65	1	3,066
6	217	61	-	38	726	569	3,015
262	6	34	-	-	67	44	2,881
3,603	67	940	32	246	4,084	2,197	46,044

20. FOOD BALANCE SHEET ON

Description	1971	1972	1973	1974	1975
(FISH AND SHELLFISH) (live weight base)					
Domestic production					
For domestic consumption	8,374	8,675	9,072	9,110	8,907
Fresh and frozen	2,047	2,157	2,253	2,311	2,301
Dried, salted and smoked	1,522	1,603	1,648	1,660	1,709
Kneaded	2,338	2,399	2,450	2,455	2,460
Fish sausage	247	245	247	182	166
Canned	195	112	154	214	140
Feeds	2,025	2,159	2,320	2,288	2,131
For exports	949	1,032	991	996	990
Fresh and frozen	200	265	341	321	193
Canned	555	624	551	509	544
Others for food use	14	15	14	17	18
Feeds	180	124	85	149	235
Total	9,323	9,707	10,063	10,106	9,897
Imports					
For food use	448	495	664	662	735
For feeds	103	270	415	117	336
Total	551	765	1,079	779	1,071
Domestic supply	8,925	9,440	10,151	9,889	9,978
For food use	6,797	7,011	7,416	7,484	7,511
Domestic production	6,349	6,516	6,592	6,822	6,776
Imports	448	495	664	662	735
For feeds	2,128	2,429	2,735	2,405	2,467
Domestic production	2,025	2,159	2,320	2,288	2,131
Imports	103	270	415	117	336

FISHERY PRODUCTS, 1971~1975

Unit: Thousand metric tons

Description	1971	1972	1973	1974	1975
(WHALE)					
Domestic production					
For domestic consumption	114	107	98	90	76
For exports	11	2	0	0	0
Total	125	109	98	90	76
Imports					
Total	18	18	25	29	29
Domestic supply					
For food use	132	125	123	119	105
For feeds	-	-	-	-	-
Total	132	125	123	119	105
(SEAWEED) (dried weight base)					
Domestic production					
For domestic consumption	112	109	127	135	122
For exports	5	3	4	5	4
Total	117	112	131	140	126
Imports					
Total	18	19	30	23	25
Domestic supply					
For food use	110	104	127	134	125
For feeds	20	24	30	24	22
Total	130	128	157	158	147
Per capita food supply (Unit: Kgs)					
Fish and shellfishes	64.8	65.3	66.8	67.7	67.1
Whales	1.3	1.2	1.1	1.1	0.9
Seaweeds	1.0	1.0	1.2	1.2	1.1
Population (Unit: Million men) 1] ...	105	107	109	111	112

Note: 1) Data are based on the Population Census taken as of October 1 of the year.

21. AVERAGE CONSUMPTION IN QUANTITY OF FISHERY

A). Workers household(Cities With population of 50,000 or over)

Unit: grams

Item	1971	1972	1973	1974	1975
Fresh and frozen					
Cod, Alaska pollack	1,131	1,058	1,018	1,071	1,038
Flounders, halibuts	2,932	2,816	2,468	2,714	2,875
Jack mackerel	4,246	3,611	2,968	3,046	3,367
Mackerels	4,029	3,171	2,676	3,327	3,308
Salmons, trouts	1,765	1,668	1,174	1,092	1,284
Sardines, anchovies	1,806	1,626	1,772	2,187	2,086
Saury	937	1,543	3,144	2,462	2,238
Sea breams	1,249	1,053	973	1,120	1,110
Shellfishes	5,015	4,690	4,085	5,339	5,560
Skipjack	612	906	1,079	1,070	1,042
Squids, cuttlefishes	6,320	7,627	7,420	6,181	6,985
Tunas, marlins	3,178	3,194	3,037	3,222	3,423
Yellowtail	1,988	2,044	2,202	2,105	2,121
Others	20,664	20,092	18,130	20,888	21,183
Processed fishery products					
Boiled and dried	793	761	727	674	707
Canned (case)	9.59	10.46	10.70	11.12	12.77
Cured	640	645	682	640	637
Dried "nori"	---	---	---	---	---
Dried "Kombu"and"Wakame" Kelp..	1,735	1,795	1,872	1,936	2,086
Dried squids	219	278	334	257	266
Fish sausage	2,205	1,607	1,144	979	1,175
Kneaded	---	---	---	---	---
Salted salmons and trouts	3,269	3,332	3,454	3,648	3,624
Others	---	---	---	---	---
Whale meat	1,385	1,329	1,306	1,225	976
Beef	7,996	8,259	7,605	7,920	8,210
Pork	15,765	16,403	18,040	19,317	18,892
Chicken	9,065	9,770	10,401	10,652	11,289
Ham, sausage	7,941	8,858	9,199	8,533	8,577
Milk, eggs	---	---	---	---	---
Seasonings	813	753	748	600	585
Expence for dining out	---	---	---	---	---
Number of family member	3.93	3.90	3.88	3.86	3.86

PRODUCTS PER HOUSEHOLD, 1971～1975

B). Farm household

Unit: grams

Item	1971	1972	1973	1974	1975
Fishery products					
Fresh and frozen					
Cod, Alaska pollack	1,910	2,210	2,190	2,530	2,410
Flounders, halibuts	2,880	2,800	2,470	2,960	3,260
Jack mackerel	5,350	3,092	2,650	3,190	4,120
Mackerels	10,740	10,970	8,000	9,110	9,720
Salmons, trouts	---	---	---	---	---
Sardines, anchovies	3,270	3,010	3,450	4,350	5,300
Saury	1,770	2,960	5,860	4,340	4,000
Sea breams	1,030	930	620	830	740
Shellfishes	5,690	4,830	4,550	4,910	4,380
Skipjack	2,130	3,101	2,850	3,440	3,310
Squids, cuttlefishes	6,250	8,610	7,040	6,100	7,760
Tunas, marlins	2,860	2,750	2,310	2,800	3,570
Yellowtail	1,570	1,330	1,800	2,060	2,090
Others	---	---	---	---	---
Prossed fishery products					
Boiled and dried	3,000	2,890	2,480	2,500	2,530
Canned	4,490	3,720	3,310	3,770	4,220
Cured	320	270	290	330	400
Dried "nori"	---	---	---	---	---
Dried"Komb"and"Wakame" Kelp	1,940	2,050	2,350	2,330	2,130
Dried squids	420	490	560	470	500
Fish sausage	4,660	4,370	4,150	3,640	3,320
Kneaded	13,130	13,140	13,050	12,920	12,500
Salted salmons and trouts	3,790	3,670	3,640	4,150	4,030
Others	---	---	---	---	---
Whale meat	1,760	1,840	1,900	1,580	1,240
Beef	3,640	3,670	3,060	3,610	4,050
Pork	9,990	10,460	11,520	13,760	13,770
Chicken	9,010	8,640	9,590	9,880	9,840
Ham, sausage	3,970	3,870	4,020	3,920	4,170
Milk, eggs	---	---	---	---	---
Seasonings	1,110	1,240	1,190	1,160	1,040
Expense for dining out	---	---	---	---	---
Number of family member	4.74	4.66	4.62	4.59	4.56

22. AVERAGE CONSUMPTION IN VALUE OF FISHERY

A). Workers household (Cities With population of 50,000 or over)

Unit: yen

Item	1971	1972	1973	1974	1975
Net income	1,526,820	1,680,744	2,031,528	2,511,588	2,834,364
Food expense	387,646	415,798	477,772	588,322	666,350
Fishery products	58,777	63,238	70,973	89,989	103,432
Fresh and frozen	30,916	33,096	35,742	46,608	54,806
Cod, Alaska pollack	381	386	426	549	582
Flounders, halibuts	1,464	1,527	1,525	1,977	2,318
Jack mackerel	1,617	1,667	1,662	2,085	2,460
Mackerels	911	747	741	1,119	1,117
Salmons, trouts	1,153	1,137	957	1,080	1,345
Sardines, anchovies	582	544	591	793	741
Saury	472	698	1,251	1,076	1,275
Sea breams	1,105	1,029	1,056	1,381	1,634
Shellfishes	1,749	1,969	2,065	3,143	3,864
Skipjack	526	737	963	1,154	1,283
Squids, cuttlefishes	2,982	3,461	3,779	4,639	5,670
Tunas, marlins	3,633	3,929	4,198	5,436	6,740
Yellowtail	2,008	2,213	2,657	3,218	3,860
Others	12,333	13,052	13,871	18,958	21,917
Processed fishery products	27,068	29,308	34,315	42,334	47,603
Boiled and dried	503	488	509	619	743
Canned	1,178	1,348	1,441	1,799	2,139
Cured	726	807	1,003	1,207	1,367
Dried "nori"	3,315	3,560	4,102	4,364	4,372
Dried "Kombu" and "Wakame" Kelp	1,455	1,546	1,729	2,008	2,164
Dried squids	264	350	477	512	585
Fish sausage	620	451	366	438	594
Kneaded	3,307	3,418	3,908	4,886	5,443
Salted salmons and trouts	2,819	3,028	3,879	4,773	5,259
Others	12,881	14,312	16,901	21,728	24,937
Whale meat	793	834	916	1,047	1,023
Beef	10,505	11,819	14,252	17,035	19,880
Pork	13,453	15,021	18,604	22,078	26,316
Chicken	6,215	6,775	8,237	10,188	11,726
Ham, Sausage	6,100	7,038	8,488	9,846	11,222
Milk, eggs	26,548	27,366	29,644	37,866	41,409
Seasonings	1,224	1,092	1,072	1,085	1,114
Expense for dining out	42,978	48,984	58,085	70,143	81,235
Number of family member	3.93	3.90	3.88	3.86	3.86

PRODUCTS PER HOUSEHOLD, 1971～1975

B). Farm household

Unit: yen

Item	1971	1972	1973	1974	1975
Net income	1,537,700	1,852,900	2,322,100	2,945,900	3,414,400
Food expense	377,700	407,100	481,000	599,700	687,400
Fishery products	51,231	58,521	69,386	89,216	99,299
Fresh and frozen	25,100	29,220	33,676	45,342	52,578
Cod, Alaska pollack	479	902	720	989	1,100
Flounders, halibuts	1,008	1,172	1,216	1,754	2,172
Jack mackerel	1,386	1,232	1,163	1,558	2,225
Mackerels	1,965	1,954	1,917	2,585	2,887
Salmons, trouts	---	---	---	---	---
Sardines, anchovies	680	782	954	1,270	1,430
Saury	479	902	1,769	1,559	1,743
Sea breams	857	701	754	1,136	1,143
Shellfishes	894	833	1,177	1,722	1,794
Skipjack	882	1,443	1,614	2,168	2,479
Squids, cuttlefishes	2,192	3,186	3,410	4,028	5,662
Tunas, marlins	2,847	3,487	3,521	5,073	6,563
Yellowtail	1,234	1,232	1,860	2,630	3,342
Others	10,197	11,394	13,601	18,870	20,038
Processed fishery products	25,280	28,442	34,530	42,650	45,575
Boiled and dried	1,505	1,538	1,741	2,157	2,480
Canned	1,047	1,070	1,234	1,808	2,152
Cured	406	437	549	687	909
Dried "nori"	2,642	2,947	3,814	4,282	4,455
Dried "Kombu"and"Wakame" Kelp	1,571	1,784	2,295	2,746	2,867
Dried squids	523	739	972	1,073	1,251
Fish sausage	1,309	1,286	1,538	1,760	1,835
Kneaded	3,512	3,626	4,855	5,886	6,268
Salted salmons and trouts	2,656	2,819	3,488	4,663	4,947
Others	10,109	12,196	14,044	17,588	18,411
Whale meat	851	859	1,180	1,224	1,146
Beef	4,191	5,166	5,892	7,613	9,315
Pork	7,056	8,558	11,053	14,470	17,098
Chicken	4,226	4,663	6,492	7,724	9,094
Ham, sausage	2,635	2,946	3,628	4,265	5,177
Milk, eggs	26,094	28,201	22,376	30,416	32,890
Seasonings	1,482	1,652	1,675	1,832	1,797
Expense for dining out	20,763	24,633	28,119	37,207	42,912
Number of family member	4.74	4.66	4.62	4.59	4.56

Ⅳ. ECONOMY OF FISHERY MANAGEMENT UNIT

23. NATIONAL AVERAGE OF FISHERIES HOUSEHOLD ECONOMY, 1971～1975

Items	Unit	1971	1972	1973	1974	1975
Number of family members	person	4.9	4.8	4.7	4.6	4.5
Number of non-powered fishing boats Used	boat	0.3	0.3	0.3	0.3	0.3
Number of powered fishing boats used	"	1.0	1.3	1.3	1.0	1.2
Tonnage of powered fishing boats used	ton	2.1	2.2	2.2	2.2	2.3
Number of fishing days	day	152	148	145	143	145
Number of workers on the sea	person	496	478	467	446	460
Working hours on the sea	hours	2 844	2 768	2 685	2 538	2 551
Catches	kg	10 683	9 880	10 108	9 029	9 423
Price of fish cought	Yen/kg	168	190	220	283	322
Fishery earning	1000yen	1 853.6	1 933.3	2 292.5	2 631.1	3 142.7
Non-fishery earning	"	171.9	176.4	230.9	290.7	348.4
Non-business earing	"	604.2	623.4	894.6	1 055.7	1 251.7
Fishery expenditure	"	745.6	806.2	961.8	1 158.0	1 337.2
Employees wages	"	203.9	205.6	235.7	261.2	289.3
Maintenance of fishing boats	"	62.8	66.4	80.9	103.6	118.5
Expenditure for fishing gears	"	87.1	98.9	119.1	138.1	145.5
Oil	"	61.7	69.0	86.2	151.8	185.3
Miscellaneous facilities	"	11.3	10.4	10.8	12.7	16.5
Depreciation	"	142.2	161.1	192.8	214.4	245.6
Non fishery business expenditure	"	73.9	75.5	106.2	140.9	154.5
Non-business expenditure	"	28.8	39.7	45.3	58.5	69.6
Household expenditure	"	1 166.3	1 210.9	1 408.5	1 730.9	2 000.2
Food and drinks	"	362.9	374.3	417.3	526.1	604.3
Clothing	"	115.8	117.0	135.3	160.5	176.5
Housing	"	134.0	117.4	145.2	165.4	185.7
Heat, light and water	"	43.7	47.5	54.3	69.0	84.6
Education	"	33.6	36.8	36.8	38.0	48.6
Reading and recreation	"	57.0	62.4	67.0	89.1	95.1
Household goods and furnitures	"	100.6	91.4	105.5	130.5	133.3
Health and sanitation	"	62.8	65.0	71.8	91.6	106.2
Gifts and remittances	"	111.5	122.3	145.6	189.2	232.8
Taxes, public charges and obligations	"	92.4	118.7	136.2	172.8	197.6
Income of fishery household	"	1 781.4	1 811.6	2 304.8	2 619.9	3 181.4
Business income	"	1 206.0	1 227.9	1 455.5	1 622.8	1 999.3
Fishery income	"	1 108.0	1 127.0	1 330.8	1 473.0	1 805.4
Non-fishery income	"	98.0	100.9	124.7	149.8	193.9
Non-business income	"	575.4	583.7	849.3	997.1	1 182.1
Surplus of fishery household economy	"	522.8	482.0	760.2	716.3	983.6
Property						
Fixed assets	"	2 343.9	2 657.4	3 220.0	3 719.6	4 197.7
Land	"	233.9	275.3	400.8	431.8	420.8
Building	"	1 300.0	1 475.1	1 709.0	2 033.5	2 315.7
Hull of fishing boats	"	250.7	297.7	371.3	431.8	501.2
Engins of fishing boats	"	291.6	323.3	379.4	411.9	480.7
Fishing nets and long lines	"	106.7	108.7	125.1	144.0	163.1
Non-fixed assets	"	1 477.4	1 797.3	2 112.6	2 662.3	3 334.1
Debts	"	425.0	489.0	647.1	824.7	995.6

Note 1) Fishery household in this table refers to the household engaging in fishing with less than 10 tons fishing boat. The data show the average per fishery household.

2) Income of fishery household = Fishery income + Non-fishery business income + Non-business income.
Surplus of fishery household economy = Income of fishery household - (Taxes, public charges and obligations + Household expenditure)

3) Duration of this statistics is for a calendar year. Proparty is accounted at the begining of the year.

24. NATIONAL AVERAGE OF SMALL AND MIDDLE SIZE FISHERY ENTERPRISE ECONOMY, 1971～1975

Items 1], 2]	Unit	1971	1972	1973	1974	1975
Gross tonnage of fishing boats used	Ton	100.40	98.75	95.71	104.67	101.36
Number of workers on the boat	Person	19	18	17	17	16
Earnings from fishery	1000yen	61 207	64 467	82 175	90 248	101 261
Fishery expenditures	"	58 209	62 193	76 740	89 533	99 678
Employees wages	"	23 308	23 779	30 025	33 777	37 992
Maintenance of fishing boats ...	"	3 818	4 357	5 757	7 153	8 040
Expenditure for fishing gears ..	"	2 645	2 852	3 373	4 247	4 577
Oil	"	4 109	4 532	5 645	10 685	14 036
Bait	"	1 894	2 136	2 270	2 626	3 010
Ice	"	695	724	883	983	1 095
Fish container	"	951	1 030	1 457	2 152	1 931
Miscellaneous materials	"	592	587	717	960	1 140
Miscellaneous facilities	"	124	129	157	196	169
Rents and charge	"	1 033	1 051	1 362	1 472	1 627
Brokerage	"	2 610	2 606	3 360	3 675	4 217
Costs for business	"	2 636	3 020	3 686	4 283	4 693
Tax upon fishery business	"	...	...	...	616	509
Others 3]	"	4 061	4 385	4 891	3 804	4 016
Depreciation	"	9 733	11 005	13 157	12 904	12 626
Estimated family wages	"	535	562	754	909	935
Fishery profit 4]	"	2 463	1 712	4 681	Δ 194	648
Assets (initial)	"	65 915	73 373	86 692	99 176	112 049
Fixed assets	"	37 179	41 000	48 874	57 378	64 508
Fixed assets for fishery	"	29 197	32 396	38 058	41 540	46 378
Non-fixed assets	"	28 737	32 374	37 818	41 798	47 540
Liabilities (initial)	"	58 898	64 934	77 178	87 072	102 148
Net worth	"	7 018	8 441	9 514	12 103	9 903
Net profit	"	1 593	1 280	3 531	Δ 816	Δ 586
Interest on liabilities	"	3 690	4 442	4 969	5 593	6 662
Sales profit 5]	%	4.0	2.7	5.7	Δ 0.2	0.6
Costs for physical expenditure ...	1000yen	24 366	26 847	33 929	53 307	54 301
Added value	"	36 841	37 620	48 246	36 941	46 960
Added value per worker	"	1 939	2 090	2 838	2 173	2 935
Wage per worker	"	1 197	1 339	1 748	1 717	2 375
Capital equipment ratio 6]	"	1 545	1 824	2 215	2 963	3 471
Ratio of net worth of total capital	%	10.6	11.5	11.0	12.2	8.8
Profit ratio of total liabilities and net worth	"	2.4	1.7	4.1	Δ 0.8	9.8

Note: 1] Small and middle size fishery enterprise refers to the enterprise engaging in fishery with fishing boats of 10 gross tonnage and over but excluding the big enterprises with capital paid of 100 million yen and over.
2] Data show an average per the fishery management unit.
3] Including tax upon fishery business until 1973
4] Fishery profit = Earnings from fishery - fishery expenditures - estimated family wages.
5] Sales profit = Fishery profit ÷ earnings from fishery × 100.
6] Capital equipment ratio means fixed assets for fishery per worker engaged normally in fisheries.

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